

# Math Magic

BU THUMNA



Pawl-III Mathematics



# MATH-MAGIC

Pawl III Mathematics Zirlai Bu



0325



*Prepared by*

**National Council of Educational Research and Training**



*Published by*

**State Council of Educational Research and Training**

**Mizoram**

Prescribed for use as a textbook for Class III by the State Council of Educational Research and Training (SCERT), Mizoram, Aizawl

Vide Notification No. B.12011/1/2012-EDN(SC)/Vol.III

Dated Aizawl, the 25<sup>th</sup> November, 2020

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First Edition : 2015

Seventh Edition : 2021

Copies : 4300

Price : ₹ 62.50/-

Published by :

**THE DIRECTOR**

**STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING (SCERT)**

**MIZORAM, AIZAWL**

Printed at :





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# THE CONSTITUTION OF INDIA

## PREAMBLE

**WE, THE PEOPLE OF INDIA**, having solemnly resolved to constitute India into a <sup>1</sup>**[SOVEREIGN SOCIALIST SECULAR DEMOCRATIC REPUBLIC]** and to secure to all its citizens :

**JUSTICE**, social, economic and political;

**LIBERTY** of thought, expression, belief, faith and worship;

**EQUALITY** of status and of opportunity; and to promote among them all

**FRATERNITY** assuring the dignity of the individual and the <sup>2</sup>[unity and integrity of the Nation];

**IN OUR CONSTITUENT ASSEMBLY** this twenty-sixth day of November, 1949 do **HEREBY ADOPT, ENACT AND GIVE TO OURSELVES THIS CONSTITUTION.**

1. Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec.2, for "Sovereign Democratic Republic" (w.e.f. 3.1.1977)
2. Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec.2, for "Unity of the Nation" (w.e.f. 3.1.1977)



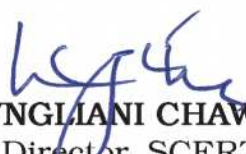
## FOREWORD

The SCERT Mizoram has always been committed in fulfilling its role as academic think-tank for providing quality education in the State. Our role as Academic Authority for elementary education has entrusted us with the responsibility of formulating the curriculum, textbooks and evaluation procedures. It is with pleasure that I announce the introduction of NCERT textbooks for Classes I – V which have been adapted and translated to be user friendly for learners of Mizoram.

On behalf of the SCERT, I express my gratitude to the NCERT, New Delhi for sharing the copyrights of the books and allowing us to translate the books into Mizo and to make necessary adaptations to make the books more meaningful for students of all Elementary Schools in Mizoram. I extend my sincere gratitude to scholars, educationists, experienced teachers and my colleagues who have contributed in formulating these new set of textbooks. Textbooks used from 2020-21 are **Energized textbooks** embedded with **QR codes** to aid learning.

I hand over these books to teachers and students of Mizoram with the hope that the fundamentals of education and the recommendations of the National Curriculum Framework 2005 will be realised. We know from experience that learning is optimized when it is fun and the selection of child-friendly materials is assurance that learning becomes a pleasurable journey for the child.

Aizawl  
25<sup>th</sup> November, 2020

  
LALDAWNGLIANI CHAWNGTHU  
Director, SCERT  
Mizoram: Aizawl



# CONSTITUTION OF INDIA

## Part IV A (Article 51 A)

### Fundamental Duties

Fundamental Duties – It shall be the duty of every citizen of India —

- (a) to abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem;
- (b) to cherish and follow the noble ideals which inspired our national struggle for freedom;
- (c) to uphold and protect the sovereignty, unity and integrity of India;
- (d) to defend the country and render national service when called upon to do so;
- (e) to promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic and regional or sectional diversities; to renounce practices derogatory to the dignity of women;
- (f) to value and preserve the rich heritage of our composite culture;
- (g) to protect and improve the natural environment including forests, lakes, rivers, wildlife and to have compassion for living creatures;
- (h) to develop the scientific temper, humanism and the spirit of inquiry and reform;
- (i) to safeguard public property and to abjure violence;
- (j) to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavour and achievement;
- (k) who is a parent or guardian, to provide opportunities for education to his child or, as the case may be, ward between the age of six and fourteen years.





## MATH-MAGIC

### *Lehkhabu chhunga awmte*

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# 1 Engtia En Tur Nge?



0325CH01

Kan zirtirtupa chuan car lem ziake turin a class naupangte min hrilh a. Car lem chi hrang hrang chu kan ziake hlawm a, kan car lem ziahte chu kan han inhmuhtawn a, kan hlim hle mai. Mahse Mawia chuan Sanga lem ziahe a hmuh chuan a nuhi a za ta hle a.

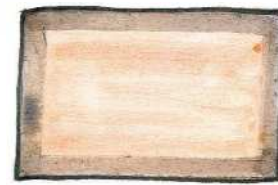
Mawia chuan Sanga lem ziahe chu bawm lian chhunga bawm te tak te dah a ang a ti a. A lem ziahe chu Sanga chu a han hmuh ve a.

An pahnih hian car lem ve ve an ziake nain a lan dan erawh a inang lo hle a ni. Sanga chuan a lem ziahe chu in chung zawl atanga ena car lan dan lem a ziake a. A lem ziahe hi nuhzatthlak angin a lang nain a ang kan ti tho em?

☆ Thil reng reng hi kil hrang hrang atangin kan thilr thin em? Chutianga kan han thilr chuan a lan dan a pangngai reng nge a lan dan a dang thin?

☆ Heng dawhkan lemte hi han en la. A sir zawnhin dawhkan hi engtin nge a lan? A eng zawk hi nge a chung lam atanga ena a lan dan?

A hnuai a milem hrang hrangte hi a chung lam atanga a lan dan tur han mitthla teh.



Hetianga hian a lang ang em?

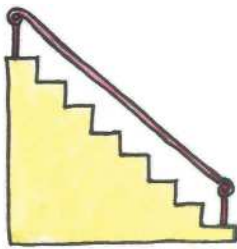


## Ti ve teh le

A. Zawhte pakhat chuan class room pakhat hi a bihthla a. An zirtirtu thutna i zawn hmuhsak thei ang em?



B. Hetianga lang tur hian khawi atanga en tur nge?



Kailawn



Kailawn



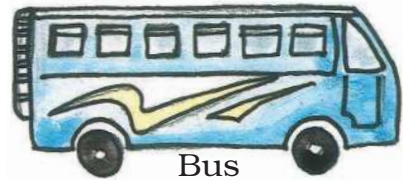
Dawhkân



Chair



Pencil



Bus

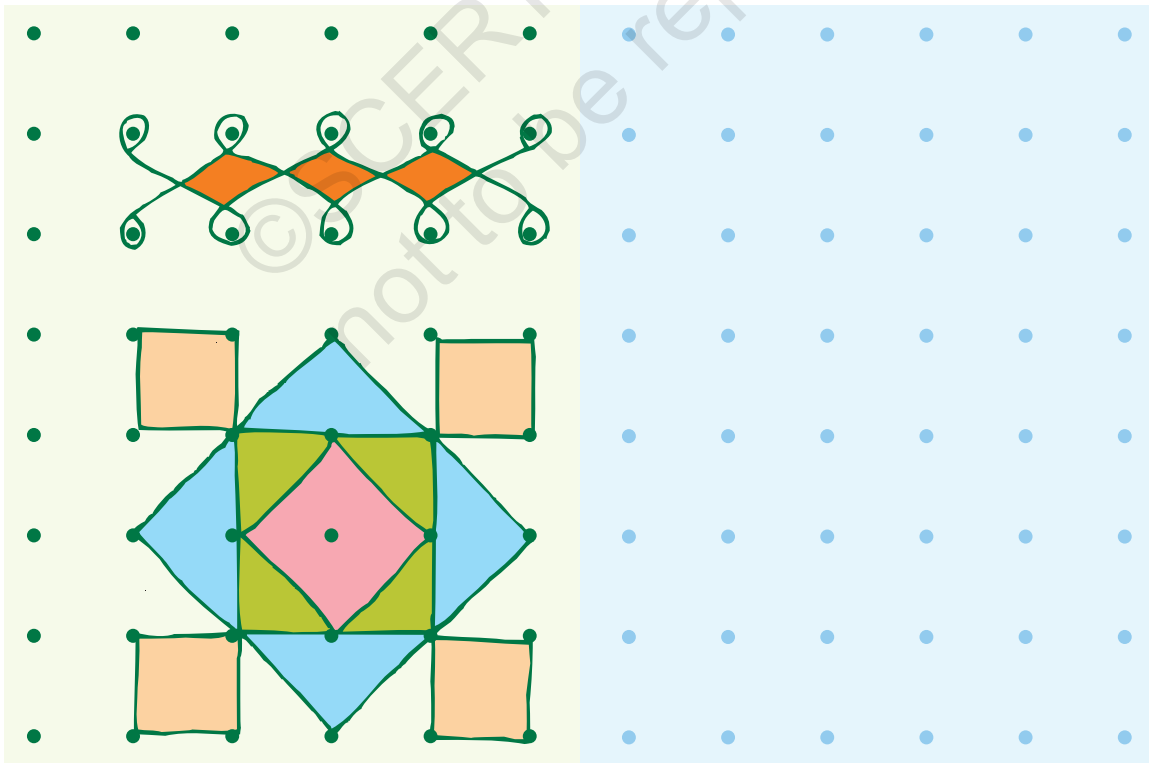
C. A chung zâwnge ena a lan dân angin milem ziak la, eng lem nge i ziah i thiante han rintir teh le.



## Rangoli

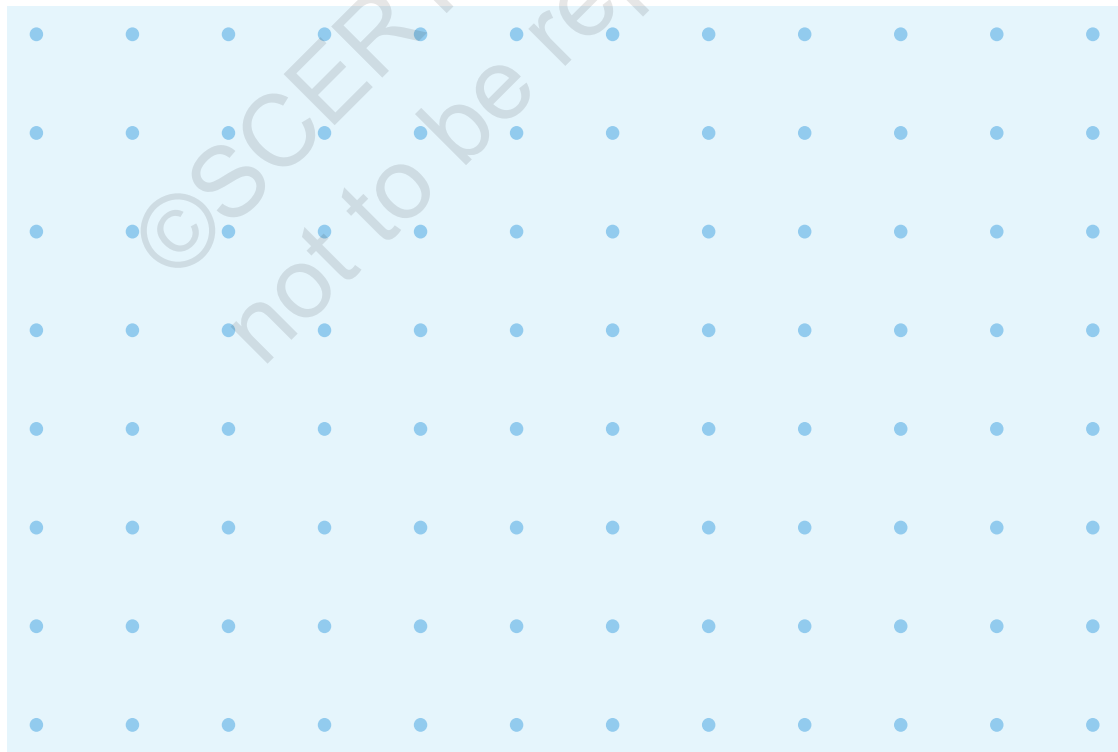
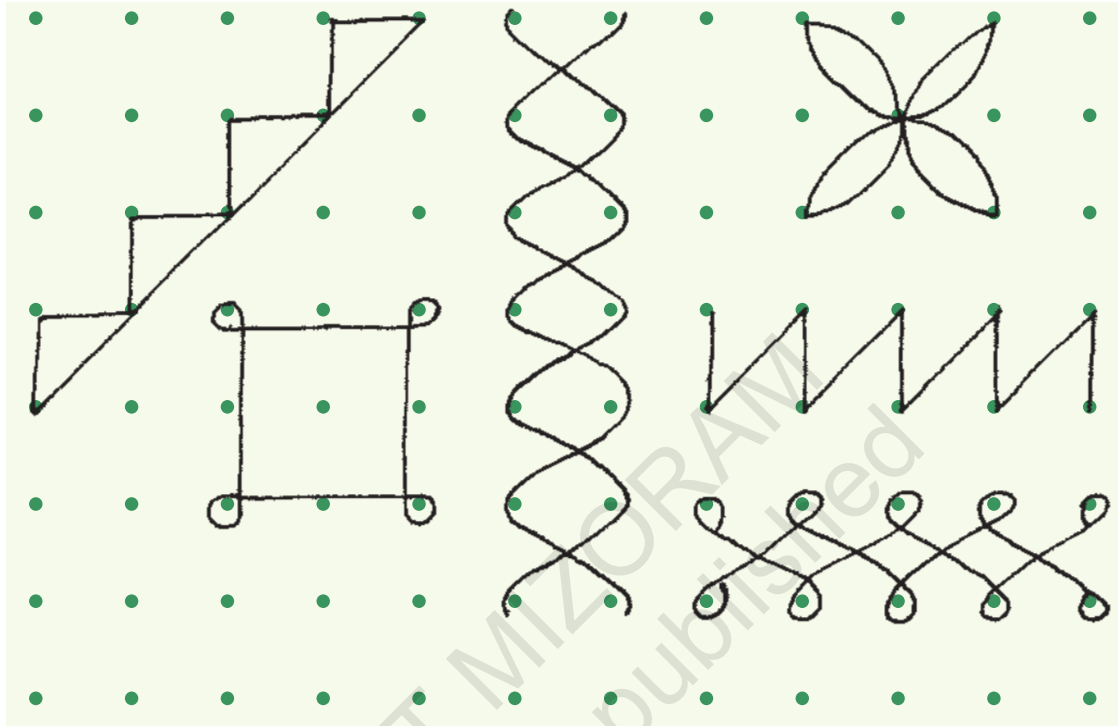


A hnuaia dot dah sa hmang hian i duh duh lem han siam ve teh le. Hetah hian entirna pahnih pêk a ni.

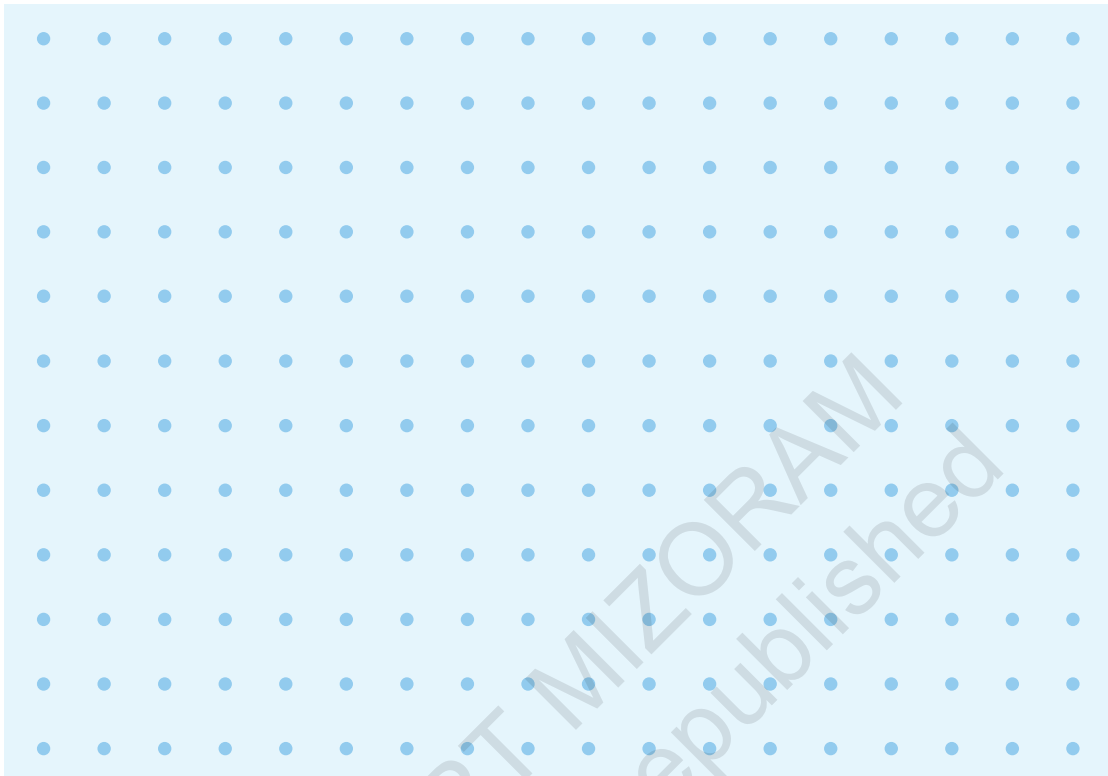


## Nangmahin pattern dang han siam teh le

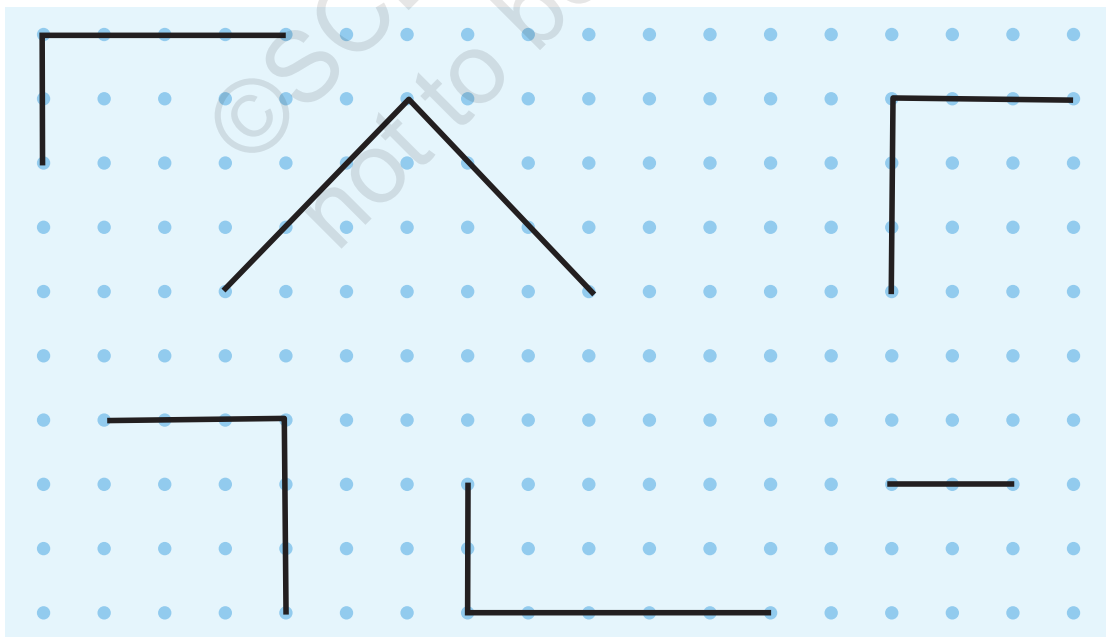
1. A hnuaia milem hi en la, rin thenkhatte hi a ngil a, a thente chu a kawil deuh tih hre rengin dot siam sa hmang hian a hnuaia pattern hrang hrangte hi han siam ve teh.



2. Dot siam sa hmang hian nangma duh ang pianze hrang hrang siam rawh.

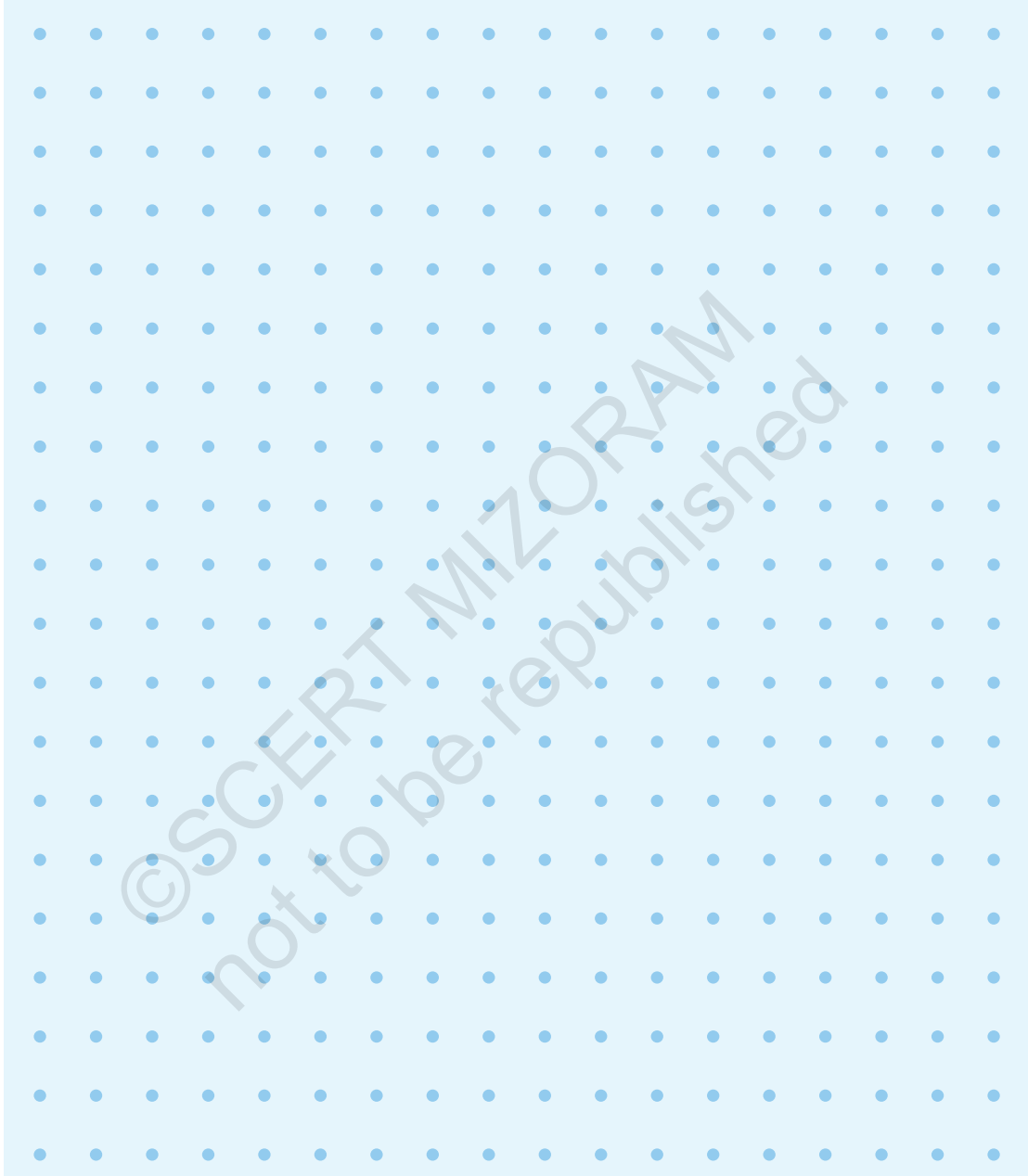


3. A hnuiaia rin ngil awm sate hi rin chhonzawm la, square leh rectangle siam rawh.



4. A hnuai dot chhut sahte hian hêng lemte hi siam rawh.

- a) lekhachaih      b) hnahthel      c) pangpar  
d) lawng      e) arsi      f) bêl



**Zirtirtu tan:** Mumal taka buatsaih dot te hmanga pattern siamtir hian naupangte hnênah thil pianhmang leh a inchawih dan hriat thiam a zirtir a. Hemi zirlaiiah hian thlirna hmun azira thil sakhat neite pawh an lan dân ziah an han zir tan a. Hei hi zirlai 5-naa thil pianhmang mumal taka an la zir turte tan kailawn a ni bawk.



## A rûl tawk chiah

Ni khat chu Mary hian lem ziaakthiam a hmu a.



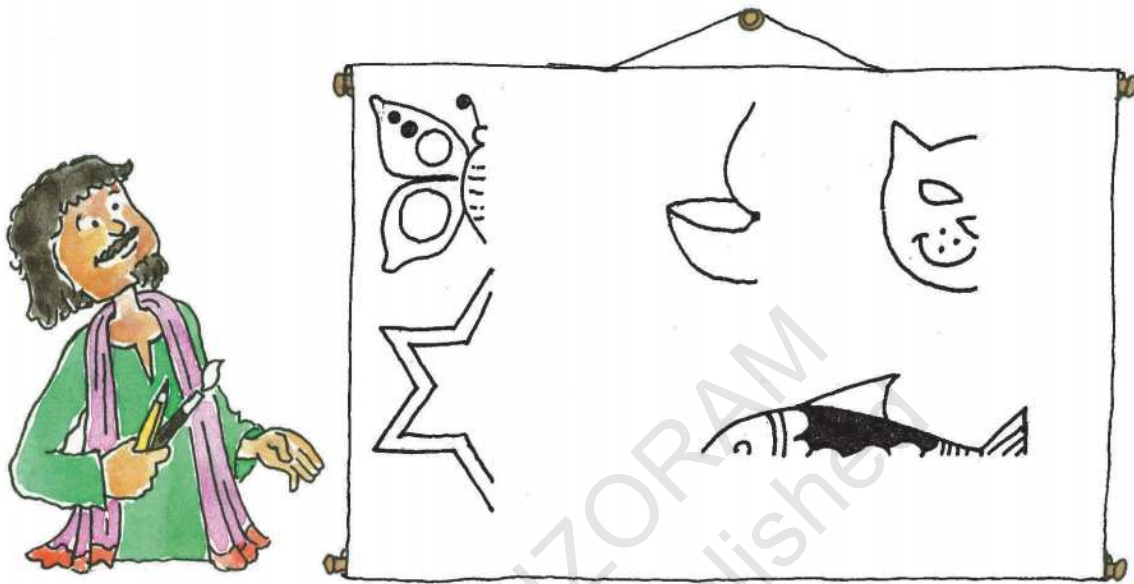
Reilo teah chuan lemziak thiam chuan a lem ziah chu a hmuh tir ta a.



Mary chuan cheng za chauh a pe ta a.



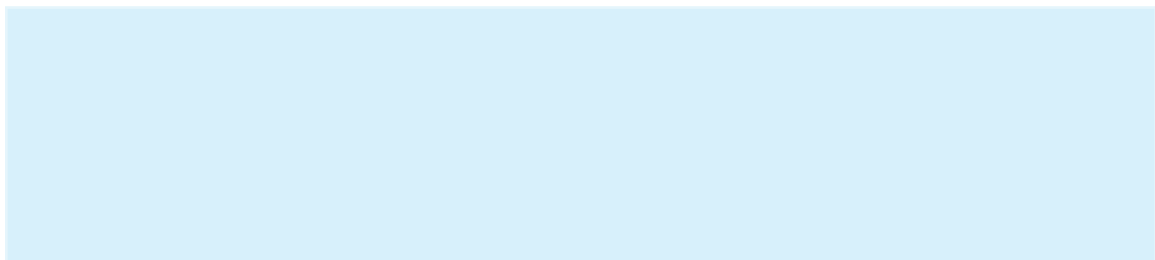
He lem ziaktu hian milem phel tam tak ziah sa a nei teuhva, a milem ziah phel ang chiah hi han ziak ve la, darthlalangah eng ang milem nge an nih han enchhin teh.



Lem ziaktu tih dan ang khan a hnuai milem te hi kan ziak ve thei ang em ?

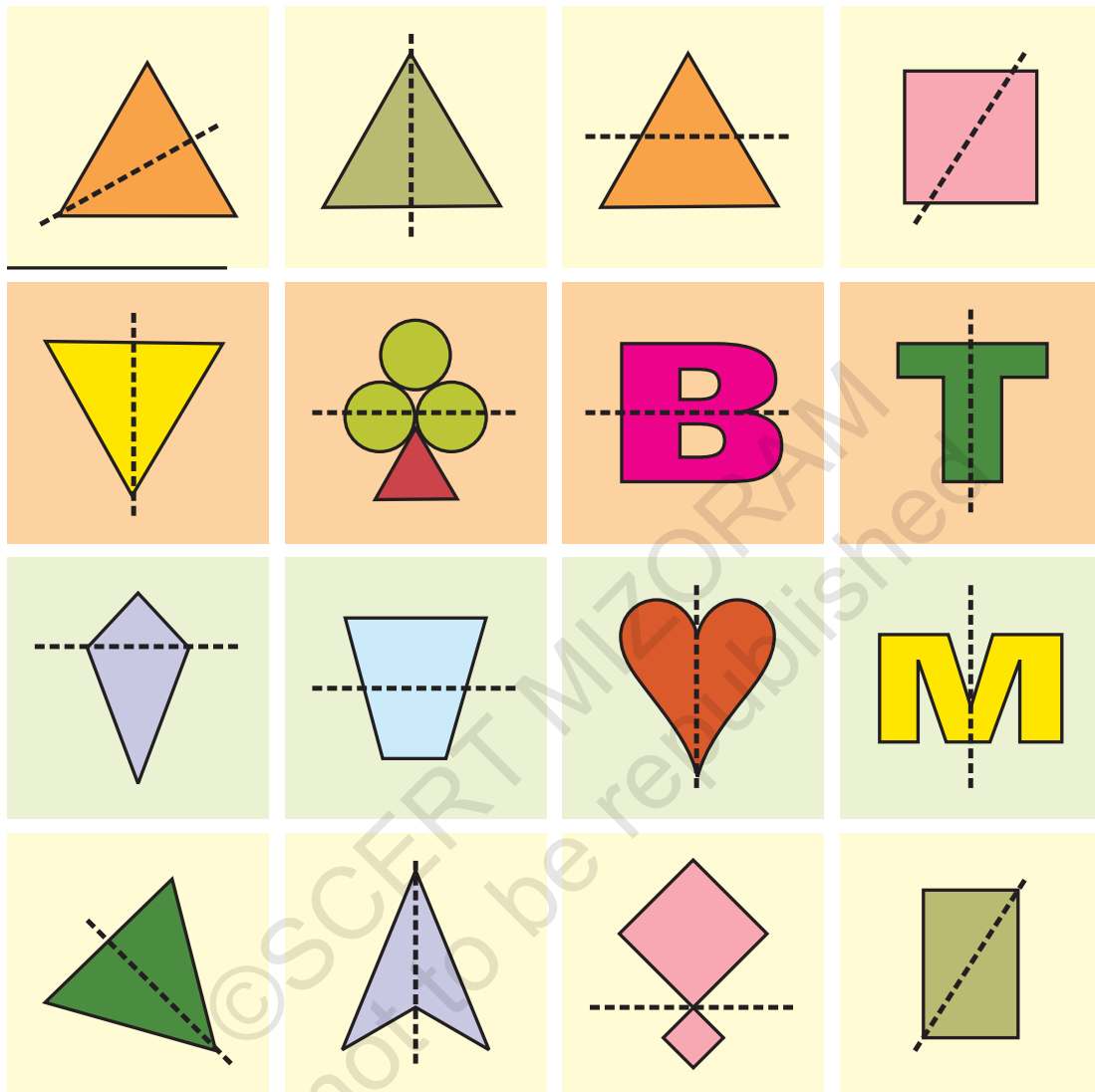


Lem ziaktu chu thil lem a chanve inang lo, a phel lehlam darthlalanga en hnu pawha inmil thei miah lo ziahtir i tum chuan a thei dawn lo a ni. Chutiang milem a phel lehlam nena inmil thei lo pathum /chi thum han ziak teh.

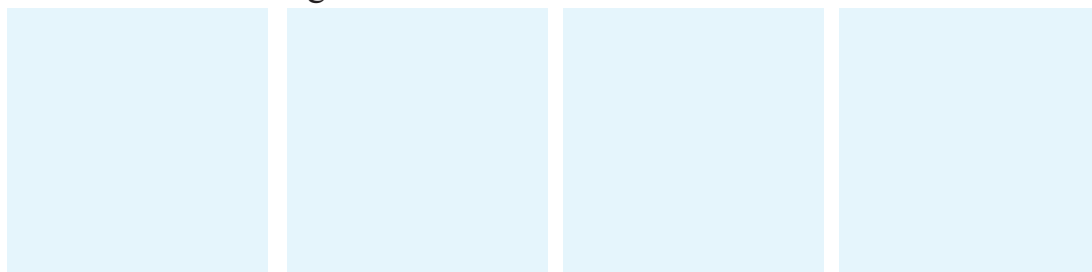


## Zawngfian phel

A hnuaia milemte hi han en la, dotted - - - line te hian inang chiahin a lai takah a phel tlang em?



Entirna tur milem dang han ziak ve teh.



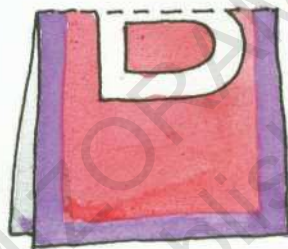
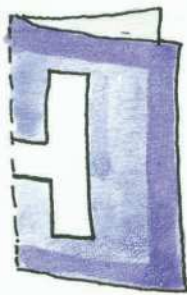
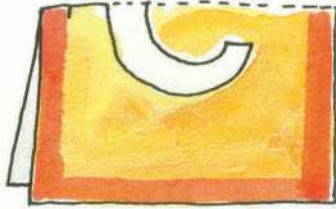
A chunga rectangle pahnih te khi dot line-in inang chiahin a phel a, mahse kan hriat tur chu darthlanga enin a innil thei lo. (Mirror halves an ni lo)

Dotted line hmangin a hnuai milemte hi a lai takah i phel thei em?



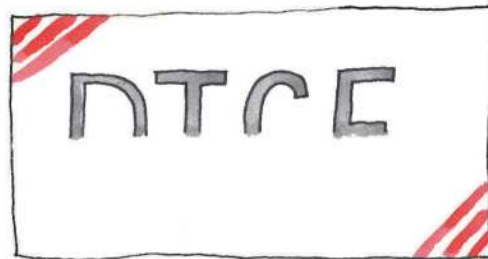
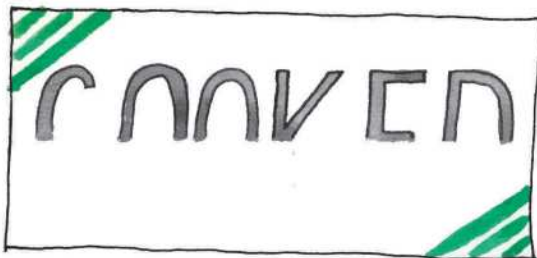
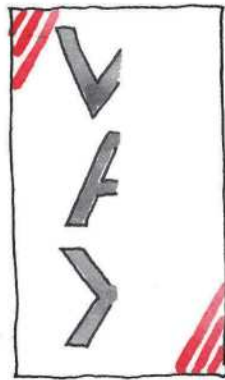
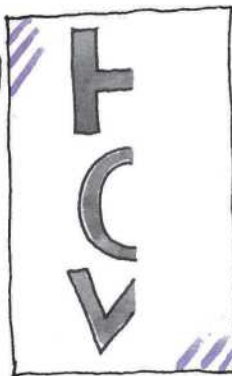


Heng hawrawp phel atangin eng nge an nih i hre thei em?



Heng hawrawp hmanh hian thumal phel pawh kan siam thei.

A phel lehlam chauh i en atang hian eng hawrawp nge an nih tih hre thei rawh le.



## Hmaikawr siam



Zawhte hmaikâwr siam dan ka zirtir ang che aw ...

Lehkha phek la chhuak la

1

A lai takah thlep la



2

A phek lehlamah chuan hetiang hi ziak rawh.



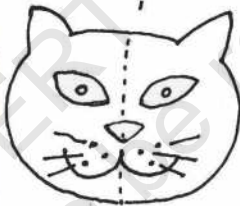
3

Sakawrbakcheh hmangin a milem chin chu chep thla la.



4

I lehkhapuan thleh chu han pharh la, a mit te, hnar te, hmui te dah rawh.

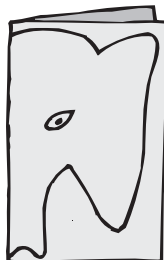


5

Rawngin chei la, a lema mi ang hian hrui i suih dawn nia. Hmaikawr i siam zo ta.



A hnuai milemte entawn hian hmaikawr hrang hrang i siam thei ang.





2

# Nambar Himawm



0325CH02

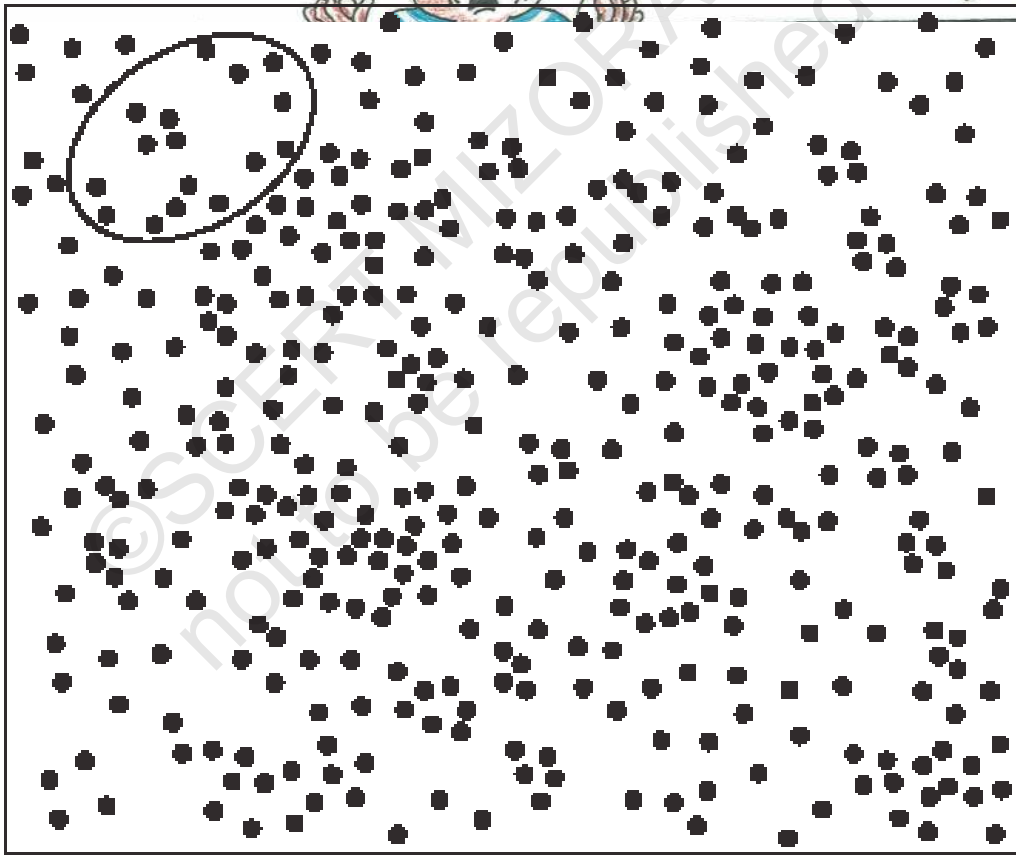


Rami, Zuali, Vicky-a, Thangi leh Sangaten tengtere mu an chhar khawm a.

- \* \_\_\_\_\_ tengtere mu a chhar tam ber.
- \* Sangan Vicky-a chhar zat chhar turin tengtere mu \_\_\_\_\_ a chhar belh a ngai a ni.
- \* Ramin mu 6 chhar belh ta se, a chhar zawng zawng chu \_\_\_ a ni ang.
- \* Naupang eng zatin nge mu 40 aia tam chhar? \_\_\_\_\_
- \* \_\_\_\_\_ mu 50 nei turin mu 3 a chhar belh a ngai.
- \* Sangan tengtere mu 2-in mu 40 a nei tling lo va, \_\_\_\_\_ erawh chuan mu 2-in mu 40 aia tam a nei thung.

## Dot hmanga infiam

Rin bial chhungah hian dot eng zat nge awm han ring chhin ula, in rin dik leh dik loh han fiah chhin teh u. In inrinsiak hnuah, dot zingah tho hian rin bial dang siam leh ula, tuin nge kualkhung chhung a dot awm zat ring dik thei ber le.



Naupangte hian nambar an hmuha an chhût thiam theih nan tih tur (exercise) tih chakawm - thil kahpah taka rem vel leh a inchawih mawi theih dan tur anga rem khawmte an mamawh a. Zirtirtu chuan hetiang - bazara anhnah têt an zawrh ang chi te, sikula an intlar hmang te, puan zerang leh thil dang chi hrang hrang hmangin nambar awm zât a rin tirin a chhût tir thei a ni. He lehkhawh hi chuan rin dan leh chhût dan zir nan fanghmir hman a ni.





## Dhoni-an Century a siam

Guwahati-ah India leh South Africa-in one-day cricket match an khel a. India-in an vaw hmasa a ....



### A kar awl dah khat rawh:

Dhoni chuan run 96 + \_\_\_\_\_ = \_\_\_\_\_ siam a ni.

A hnuai player-te hian run eng zat nge century siam turin an mamawh han ziak teh.

	Run zat	Century siam nan run mamawh zat
Player 1	93	_____
Player 2	97	_____
Player 3	89	_____
Player 4	99	_____

Nambar hriat thiamna chu a indawta sawi ni lovin a tak taka hman dan nena inzawm tirin a ni zawk a. Hetah hian run 100 sawi nan naupangten an hriat than em em 'century' hman a ni. Hetiang hian zirtirtu chuan digit 3 (za bi) zirtir nan naupangte thil hriat than, a tak taka an hman thin entirna a tihbelh theih a ni. Naupangte chuan chhiar leh ziah an thiam kher lo a nih pawhin nambar lian leh tam zawkte sawi tir thin tur a ni.





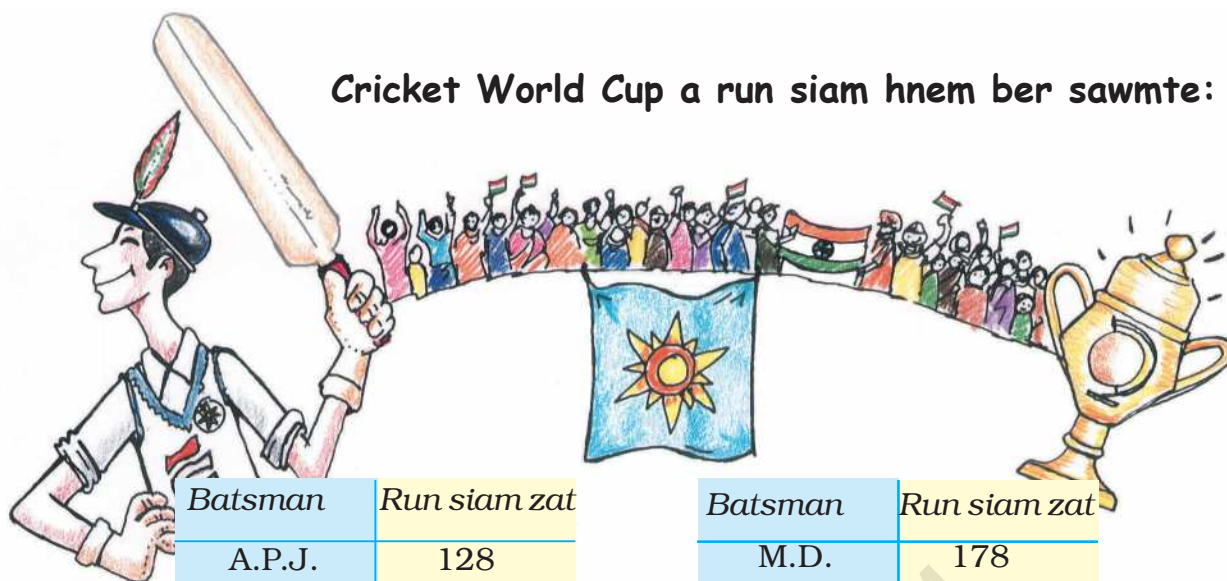
**A kar awl dah khat rawh:**

99-112		195-206	
Nambar (figure-in)	Nambar ( a thuin)	Nambar (figure-in)	Nambar ( a thuin)
99	sawmkua leh pakua	195	za sawmkua leh panga
100	za	196	za sawmkua leh paruk
101	za leh pakhat	197	za sawmkua leh pasarih
102	_____	198	za sawmkua leh pariat
103	za leh pathum	—	za sawmkua leh pakua
104	za leh pali	200	zahnih
—	za leh panga	201	zahnih leh pakhat
106	za leh paruk	—	_____
107	_____	203	zahnih leh pathum
—	za leh pariat	—	zahnih leh pali
109	za leh pakua	205	zahnih leh panga
110	za leh sawm	206	_____
111	za leh sawmpakhat		
—	za leh sawmpahnih		

Run 206 maw! Century vawi 3  
siam turin eng zat nge la ngai?



## Cricket World Cup a run siam hnem ber sawmte:

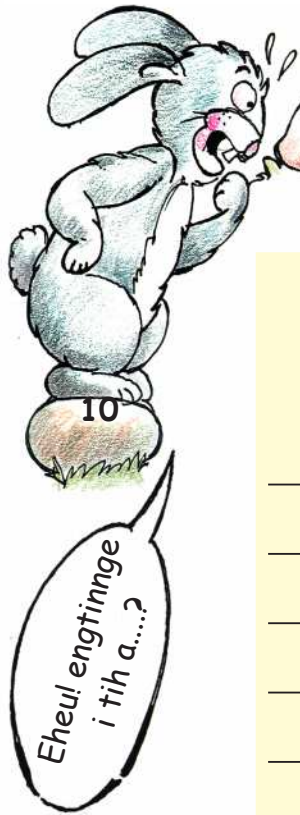


Batsman	Run siam zat	Batsman	Run siam zat
A.P.J.	128	M.D.	178
A.S.	100	P.K.	105
C.K.	99	S.T.	141
D.M.	162	T.P.K.	112
K.S.P.	152	V.V.S.	127



- ⚙ C.K chuan century a siam thei lo hlauh mai a. Run eng zat nge century siam nan a mamawh? \_\_\_\_\_
- ⚙ \_\_\_\_\_ leh \_\_\_\_\_ te run siam chu a inzat teuh hle.
- ⚙ \_\_\_\_\_ chuan century a siam chiah a, a aiin a tam lova, a tlem hek lo.
- ⚙ Batsman-te run siam zinga tam ber chu \_\_\_\_\_ a ni.
- ⚙ \_\_\_\_\_ leh \_\_\_\_\_ te run siam zat inthlauhna chu run 1 chiah a ni.
- ⚙ \_\_\_\_\_ chuan run 2-in century khat leh a chanve a khûm a ni.





10 bi a chhiar

10	110	310	_____
20	_____	_____	720
30	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	780
_____	190	_____	_____
100	200	400	_____



Counting in 50's

200	550
250	_____
_____	650
350	_____
_____	750
_____	_____
500	850






- \* Engtia thui nge i chhiar theih?
- \* I hriat len ber nambar eng nge? \_\_\_\_\_
- \* \_\_\_\_\_
- \* \_\_\_\_\_



Nambarte hi rawngin chei rawh.

744	810	45	401	54
555	374	171	261	159
656	140	179	891	16
195	155	410	159	685
454	136	60	74	699
800	445	642	202	943

A chungah chart-ah khian heng nambarte hi zawng la, a rawng milin chei rawh.

 A hring	 A sen	 A eng
Za leh sawmli	Sawmnga panga	Zali sawmli leh panga
Zahnih leh pahnih	Sawmruk	Sawm leh paruk
Zahnih sawmruk	Za sawmkua leh panga	Za sawmnga leh pakua
leh pakhat	Zanga sawmnga leh	Zaruk sawmriat leh
Zariat	panga	panga
$300 + 70 + 4$	$600 + 40 + 2$	$600 + 90 + 9$
$600 + 50 + 6$	$100 + 70 + 9$	$70 + 4$
$5 + 50 + 100$	$800 + 10$	$1 + 90 + 80$

## Zuang rawh u!



Hma zâwngin pên 2 dan zelah han ÷um teh u le:

104, 106, 108, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

Hnung zâwngin pên 2 dan zelah ÷um leh teh u:

262, 260, 258, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

Hma zâwngin pên 10 dan zelah han ÷um leh rawh u le:

110, 120, 130, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

Hnung zâwngin pên 10 dan zelah han ÷um leh rawh u:

200, 190, 180, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

A chungá kaldan zulzui hian tih chhonzawm zel rawh:

550, 560, 570, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

910, 920, 930, 940, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

✿ 209, 207, 205, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

✿ 401, 402, 403, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.



Ti ve rawh

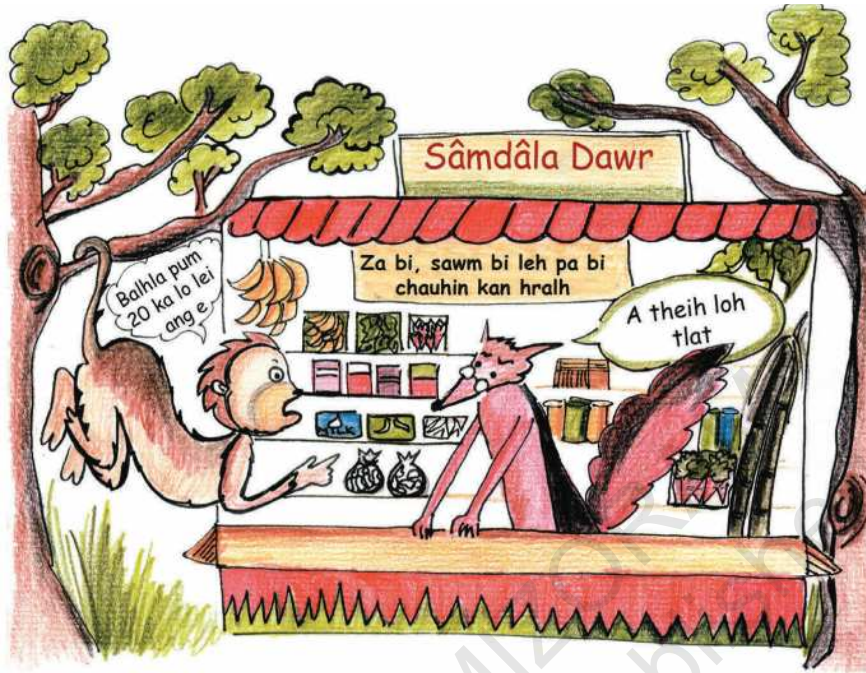


Zuan Zirna Sikul






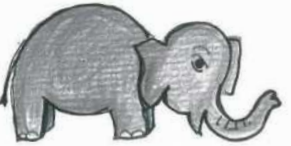







## Sâmdâla Dawr




He milem hi ramhnuai pakhata dawr a ni a. Sâmdâla hian a thil zawrh apiang te chu a mal (pa) bi te, sawm bi te leh za bi zelin a hralh ðhin a.

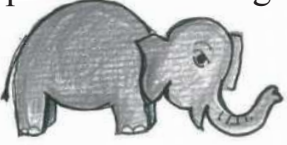


A hnuai milem aþangte hian heng ramsate hian an thil leite hi eng zat bi tein nge an lei tih han chhut teh:

		100 a fun	10 a fun	A mal in
	 143			
	 210	_____	_____	_____
	 242	_____	_____	_____
	 552	_____	_____	_____

Sâmdâla chuan pawisa a dawn danah pawh hian tih dan danglam deuh mai a

nei a, chêng  te, chêng  te leh cheng  te chauh a la ðhin a ni. Tichuan heng ramsate hian an thil lei tâk te kha pe turin eng ang pawisa note-in nge an pek ang tih han ziak teh.



₹ 420



₹ 143



₹ 242



₹ 55

**Tu nge ka nih? Nambar nen min mil teh.**

- 40 leh 50 inkara awm ka ni a, mahse ka hmingah chuan 5 a awm tel.
- Ka hmingah chuan 9 a tel a, nambar 90 nen hian kan inhnaih hle.
- Ka nihna bakah nambar dang 4 i belh leh chuan century i siam tihna a ni ang.
- Kei chu chêng 10 hliir wawi sawm nen kan intluk a ni.
- Century+ century chanve nen kan intluk.
- Number 77 leh 97 inkar lai takah ka awm.

96

150

45

89

87

100

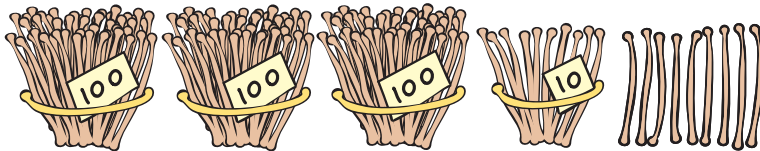


He zirlaiah hian naupangte decimal chungchang zirtir nan thawnthu leh tih tur tam tak hman a ni. Naupangte tibuai fotu ðawngkam 'place value' hi la hman loh a ni. Nambar awm dan leh tih dan zirtir nan zirlaite hriat thiam theih tur thil an hriat ðhan leh ni tina an hman ðhinte zawn chhuaha hman ve theih a ni.

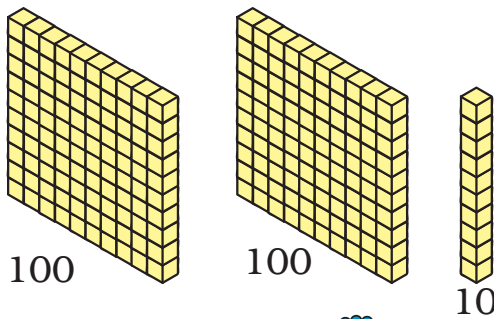
Hengte hi eng zat nge an nih?



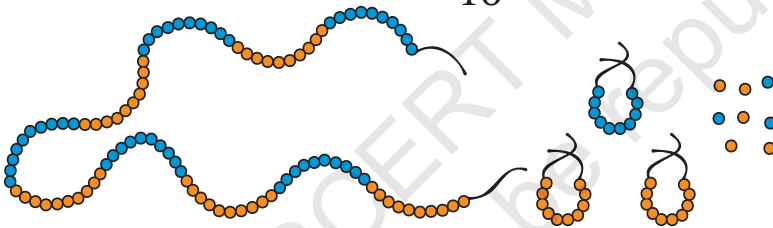
Chêng \_\_\_\_\_



Hmawlh \_\_\_\_\_



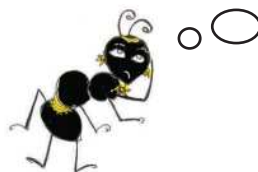
Block \_\_\_\_\_



Thi fang \_\_\_\_\_



Chêng \_\_\_\_\_



**Tu nge ka nih?**  
 Nambar lian ber i a awm thei lo. Nambar lian ber i hriat chu min belh la, a aia lianah ka lo chang zel ang a. Nambar eng zat nge ka nih tih chu min theihngihl miah suh ang che...







### Thlapui-a chuan a arsi thiante chu a chhiar a

Arsi pakhat ka chhiar veleh card **1** chu ka iptêah ka dah zel a.

Arsi pakhatah **1**, pahnihah **1 1**.

**1 1 1 1 1** chu arsi eng zat nge? \_\_\_\_\_

Card **1** hliir sawm ka neih chuan hemi card **10** hian ka thleng a.

**1 1 1 1 1 1 1 1 1 1** → **10**

Mahse ka thiante chu an lo kal belh zel a. Chuvang chuan card ka chhiar zel a lo ngai ta a. Tichuan hetiang ang chi **10** card 10 ka neih tlin veleh hemi ang card **100** hian ka thlak leh ta a ni.

**10 10 10 10 10**  
**10 10 10 10 10** → **100**



Mahse, thian tam tak mai ka neih avangin ka iptê chu a khat liam reng mai a.



Card eng zat nge ka neih i lo en reng dawn nia.





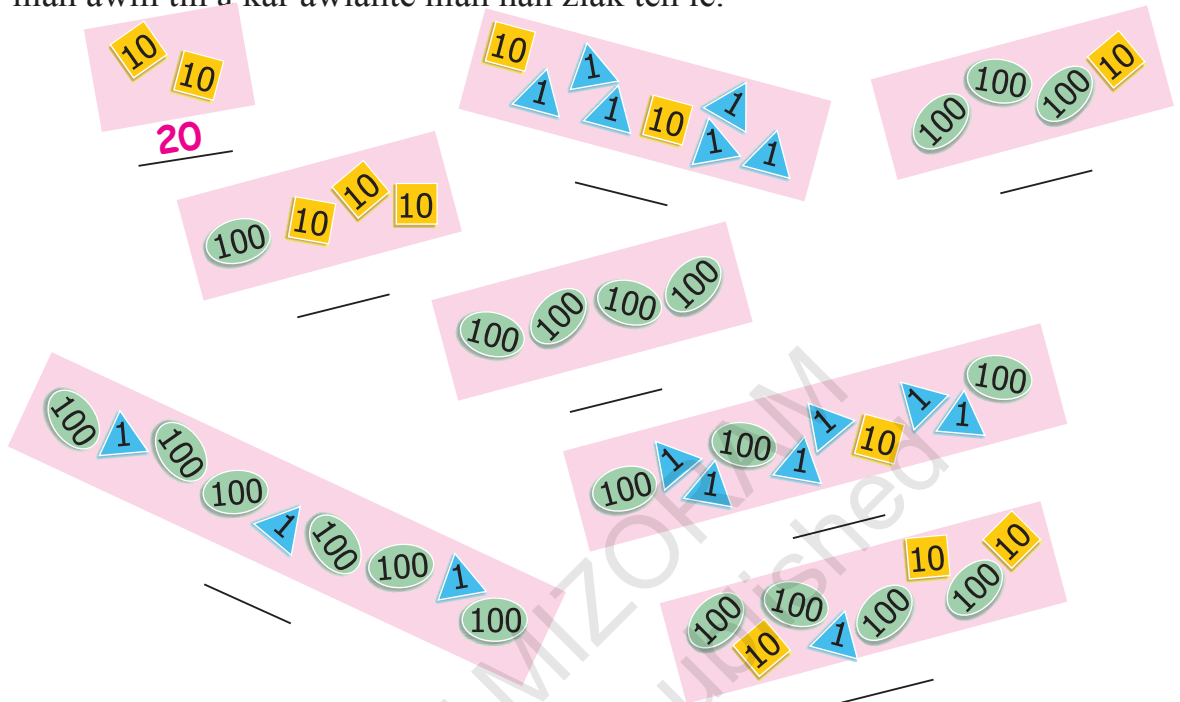


A hnuaiia nambâr tar lan ang zel hi ka ðiante zat ni ta se, eng card-te nge ka neih ang?

- a. 19 →
- b. 21 →
- c. 95 →
- d. 201 →
- e. 260 →
- f. 300 →
- g. 306 →
- h. 344 →
- i. 350 →
- j. 400 →



Card 10 10 ka iptêa ka dah chuan, arsi 20 ka chhiar tihna a ni ang a, Tichuan bâwm chhunga nambar awmte aţang hian arsi eng zat nge bâwm chhungah hian awm tih a kar awlahte hian han ziaak teh le.



A vaiin arsi thian eng zat nge ka neih ring rawh le.





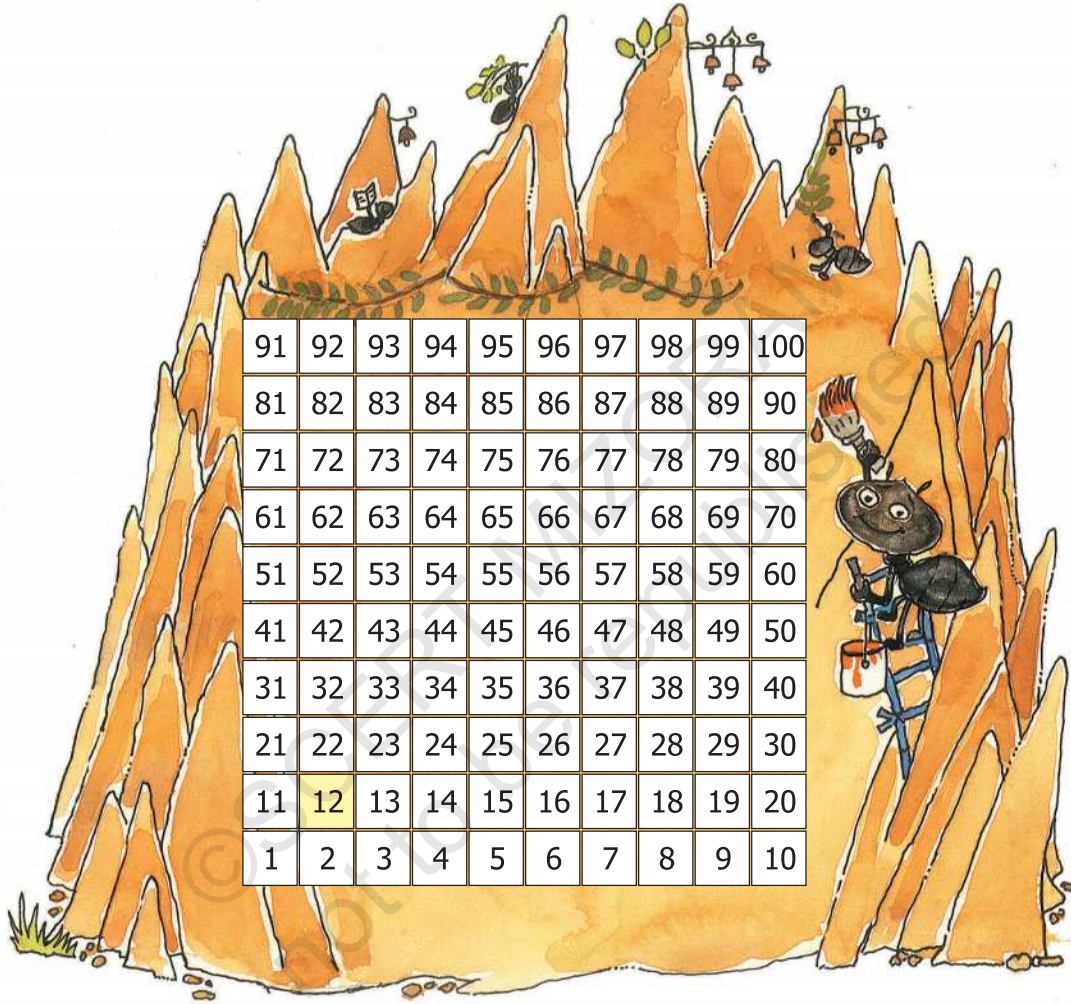
# 3

## Belh leh Paih



0325CH03

Kittu-a ka ni a. Hei hi ka in a ni. Lian i ti em? Room 100 lai a awm a. Ka room te hi rawng min han hnawihpui teh le.



★ Room 2-na atangin ka kal tan a, room 12-naa kal a rawng hnawih tur chuan room 10 ka kal pelh a ngai a. 10-ah 2 kan belh dawn chuan ding lama kal phei zelin 10-na thleng kan kal ang a, 11-ah kan kal leh ang. Chuta tang chuan ding lamah tho pen khat kan kal leh ang. Tichuan room 2-na atangin room 12-na chu kan thleng thei ang. A tawi zawnga kal dan a awm ang em? Awm tehreng mai! Heti hian han ti chhin ila. Tlar khat hi kal kan ta ila 2-na atanga 12-naah kal chuan step-ah kan zuang tihna a ni.

☆ Tunah 14-na aṭangin zuang ṭan ta ila.

$$14 + 10 = \underline{24}$$

Chu room chu i chei nghâl dawn nia.



☆ 22-na aṭangin 41-na hi engtin nge kan kal ang?

22-na aṭangin 42-naah kan zuang phawt ang a. vei lamah step khat kan kal ang.

Heti hian kan ziak thei ang.

$$22 + 20 = 42$$

$$42 - 1 = 41$$

Step eng zat nge ka hman tak? \_\_\_\_\_

Heti ang pawh hian kan ti thei ang:

22-na aṭangin 21-naah step khat kal la.

Tichuan 41-na chu vawihnih zuanah i thleng ang.

$$22 - 1 = 21$$

$$21 + 20 = 41$$

**Kittu-a inah heng hi ti rawh le:**

a) 34 aia 10-a tlem chu \_\_\_\_\_.

b)  $53 - 20 =$  \_\_\_\_\_

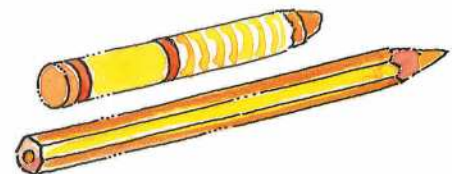
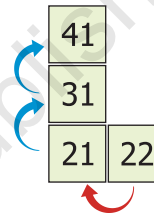
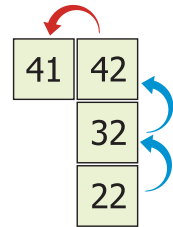
c) 11 aia 31-a tam chu \_\_\_\_\_.

d) 66 aia 11-a tlem chu \_\_\_\_\_.

e)  $62 + 13 =$  \_\_\_\_\_

f) 89 aia 23 a tlem chu \_\_\_\_\_.

g) 10 a 40 belh chu \_\_\_\_\_.



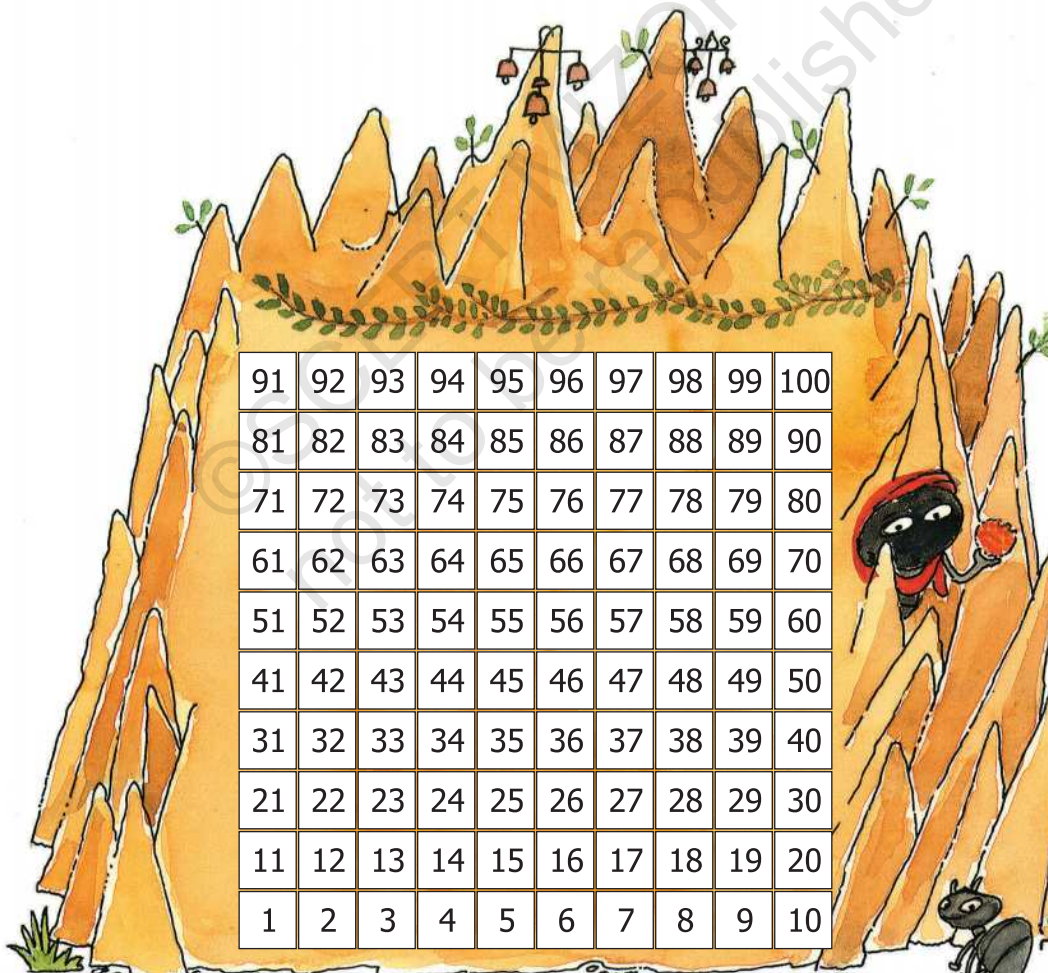
10 × 10 nambar grid hi digit 2 (sawm bi) belh leh paih zirtir nan a ṭangkai em em a. Naupangte chu an rilruin hetiang grid hmang hian nambar chhuttir thin tur a ni.



- h) 28-a 9 belh chu \_\_\_\_\_.
- i) 9 leh 44 belh khawm chu \_\_\_\_\_.
- j) 98 hi 34-a kan tih tlem chuan \_\_\_\_\_ a ni.
- k) 37 hi 4-a a pun chuan \_\_\_\_\_ a ni.
- l) 83 aṅa 35 kan lâk bo chuan \_\_\_\_\_ a lo ni tawh ang.

### Ka ei tur awmna zawng rawh

Hei! Thil ṭha deuh hrilh tur che u ka nei a nia. Ka nuin room ṭhenkhatahte hian ei tur a dah a. Chu room-te chu min zawnpui ula, min lo chhinchhi-ahpui zel dawn nia. Eng zat nge i hmuh theih i lo en teh ang.



E.g.,  $47 = 37 + 10$

$37 + 9 = \square$

A tawi zâwnga zawn dan a awm em?



$65 - 30 = \square$



46+20 tih phawt hi a awlsam zawk

$\square = 46 + 21$



A chungga mi ang chi-ah khian hengte hi a tih ve theih ang em?

$\square = 87 - 30$

$66 - \square = 11$

$36 = \square + 9$

$45 + \square = 99$

$40 + \square = 76$

$\square + 26 = 75$

$98 = \square + 50$

$\square - 21 = 35$

$57 - \square = 20$

## Belh awlsam dan



Apuii chuan apple cheng 37-in a lei a. Rama chuan balhla cheng 21-in a lei bawk a. Thei zuartunu chuan heti hian a chhût ta a:

37 chu 30 leh 7 a ni.

21 chu 20 leh 1 a ni.

Tichuan 37 leh 21 chu 50 leh 8 a ni a, chu chu 58 tihna a ni.



Engtin nge 37 leh 21 te hi awlsam taka a belh thiam chu le!



✦ Heng nambar belh khâwmte hi en la. Nangmahin ti ve rawh.

$$\boxed{26} + \boxed{43}$$

$$\boxed{20} + \boxed{6} + \boxed{40} + \boxed{3}$$

$$\boxed{20} + \boxed{40} + \boxed{6} + \boxed{3}$$

$$\boxed{60} + \boxed{9}$$

$$\boxed{69}$$

26 hi 20 + 6 tiin kan dah a, 43 hi 40 + 3 tiin kan dah bawk a.



Tichuan awlsam takin 20 + 40 leh 3 + 6 hi kan belh khâwm dawn a ni.

A dikna chu 69.





16 Kawng dangin i ti thei ang em? Han ti teh.

15  $33 + 56 = 30 + 3 + 50 + 6$

14  $= 80 + 3 + 6$

13  $= 80 + 9 = 89$

12  $= 80 + 9 = 89$

11

10 A chung a mi ang tho hian a hnuaia mite hi belh khawm rawh.

9  $37 + 22 = 30 + 7 + 20 + 2$

8  $= \square + \square + \square$

7  $= \square + \square = \square$

6  $73 + 24 = \square + \square + \square + \square$

5  $= \square + \square + \square + \square$

4  $= \square + \square + \square$

3  $= \square + \square = \square$

**THEIHAI LEH HMARCHA GAME**

1 Dice pahnih hmanga khelh tur a ni. He game khêl tur hian kawrkilh rawng hrang theuh an hmang ang. Theihai lema i tlâk chuan a bâwma nambar inziak zat hma lamah i zuang ang. Hmarcha lema i tlâk chuan paih tur inziak zatin hnung lamah i lêt ang. Tu nge HOME thleng hmasa le, i lo en teh ang.



30  -9

31

32

33

34

35

36  -14

37

38

39

40  +12

$$56 + 21 = \square + \square + \square + \square$$

$$= \square + \square + \square$$

$$= \square + \square = \square$$

56 + 21 = 56 + 20 + 1  
 = 57 + 20  
 = 77  
 Eheu!  
 Hetiang pawh hian  
 ka ti thei!



I rilruin chhut chhuak la.  
 A hnuaia bâwmahte hian a dikna dah rawh.

33 + 42 =  $\square$   $\square$  = 33 + 27    55 + 25 =  $\square$

19 + 61 =  $\square$   $\square$  = 34 + 63    67 + 25 =  $\square$

$\square$  = 48 + 42     $\square$  = 53 + 64    72 + 56 =  $\square$

- 41
- 42
- 43
- 44
- 45
- 46
- 47  -8
- 48
- 49
- 50
- 51
- 52
- 53
- 54  +15
- 55
- 56

69

68

67

66

-13  65

64

63

62

61

60

59


58

57

## Thawnthu pakhat i lo ngaithla ang u.....

Ṭum khat chu sakeibaknei notê hi ramhnuaiyah a bo va. A nu chu a au a au va, a ṭap ta mai a. Sakhi chal tawh tak pakhat hian a lo hmu a, a khawngaih êm êm mai a, a inah chuan a hruai ta a. Mahse, a ṭhian dang sakhi ve thote leh sazupui, thehlei leh savateho chuan an lo hlauthawng em em a. Sakeibaknei kan zingah a awm ve ang maw?! A theih loh vang, kan notête a ei zo vek mai dawn asin an ti a, an hlauthâwng a ni. Mahse sakhi chal chuan a ṭhianta chu hlauthawng lo turin leh chu sakeibaknei notê chu tu mah ei lo tura a hrilh vek tur thu chu a sawi a, tichuan an zingah chuan an riahtir ve ta a. A tuk zingah chuan sakeibaknei notê chuan hawn a tum ta a, ramsa lo mikhualtuteho chu lawm thu a hrilh ta vek a. Mahse, sazupui chuan, "Ngawi lawk teh u, heti ringawt chuan a kal thei lo! Thil sual a ti lo tak tak em i fiah ang u. Kan zavaijn ramsa 240 kan awm a, kan kim em, i inchhiar ang u," a ti ta a.



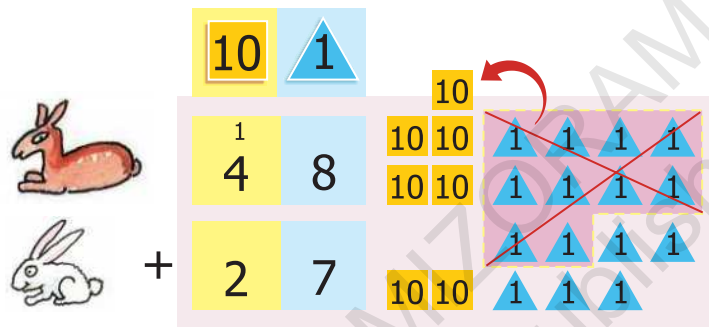
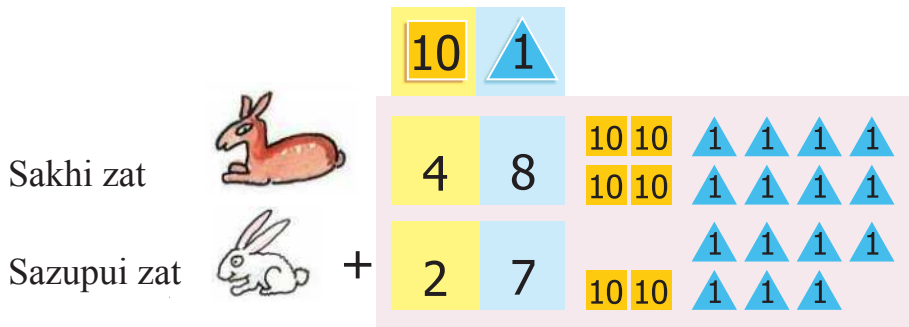
Tillu-a chuan sazupui leh sakhi te a  
chhiar a.  27 leh  48  
an ni.

Sakhi chal chuan sava leh thehlei a  
chhiar a,  124 leh  38  
an ni.

'Nambar Hlimawm' zirlaiah khan naupangten card hman tur an siam tawh ngei ang a. Chûng card te chu ziaka belh an zir hmain belh zir nan hmang phawt se la.



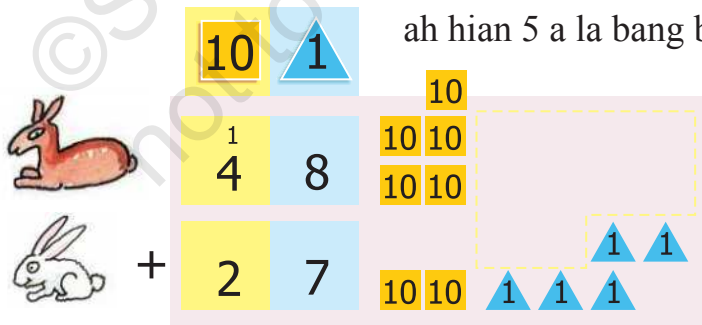
★ Sakhi leh sazupui eng zat chiah nge an nih han chhiar teh.



5



Pa 1 bi zawng zawngte hi belh khawmin 1 sawm leh panga a ni a.

Pa 1 bi hlir 10 belh khawm chu sawm 10 bi 1 tihna a ni. Pa 1 bi ah hian 5 a la bang bawk.



7 5

Sawm 10 bi zawng zawng awm zat chu pasarih a ni.

Tichuan sakhi  leh sazupui  belh khawm chu = 75

★ A hmaa mi ang baww khan sava leh thehlei zat belh khawm ve leh ila.

Pa 1 bi zawng kha a hmasain kan dah khawm zel a.

sava zat



thehlei zat



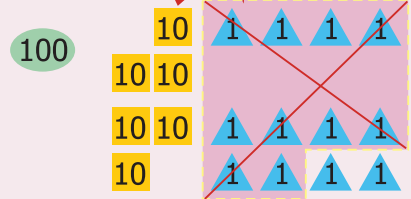
+

100	10	1
-----	----	---

1	2	4
---	---	---

	3	8
--	---	---

1	6	2
---	---	---



A dawtah sawm 10 bi kan dah leh ang a. A tawp berah za 100 bi kan dah leh chuan heti hian a lo awm ang.

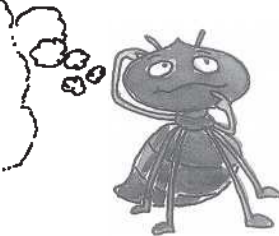


Sava leh thehlei zawng zawng belh khawm chu 162 a ni.

Sakhi leh sazupui belh khawm chu 75 a ni.

Tichuan sakhi chal chuan, "Kan zavaiin 240 kan ni a, tunah eng zat nge kan nih tak?" a ti a.

Eng zat chiah nge an nih i chhût chhuak thei em? Sakeibaknei notê chuan ramsa notête kha a ei nge ei lo?



I hriat chhuah duh chuan a hnuaiâ bâwm ruakahte hian belh khawm rawh:



leh



zat

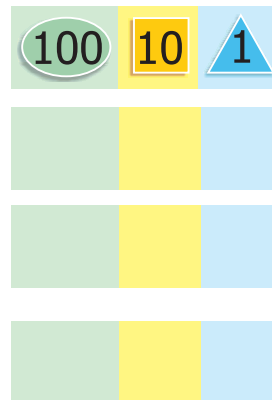


leh



zat

+



## Bulb eng zat nge?

1. Factory pakhat chuan a ni khatnaah bulb 270 a siam a.  
A ni hnihnaah chuan 123 a siam leh bawk a.  
Chu factory bulb siam zawng zawng chu eng zat nge?



Ni khatna- bulb 270



Ni hnihna- bulb 123



270 + 123 belh khawm  
chu 350 aiin a tam em?  
Nge a tlêm zawk? 270  
leh 100 belh chu 370  
a ni em? Chuti a nih  
chuan 270 + 123 chu  
350 aiin a tam tihna a  
nih chu ...

A belh khawm  
eng zat nge?

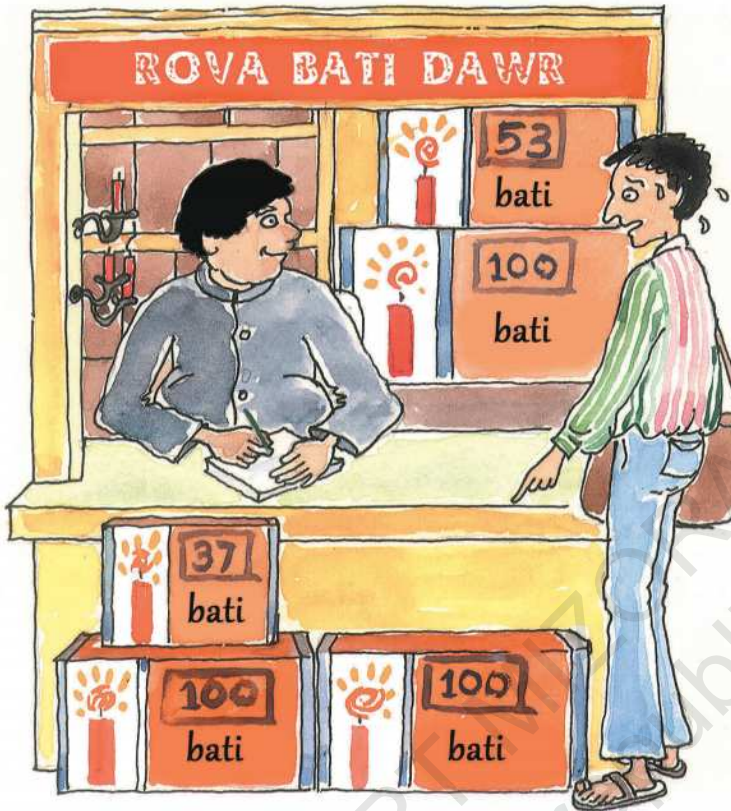


**Tih dan:**

		100	10	1
Ni khatna-a bulb siam		2	7	0
Ni hnihna-a bulb siam	+	1	2	3
Belh khawm		3	9	3



2. Dawrkai pakhat Rova chuan bati 153 a nei a. Para'n 237 dang a pek belh a. Rova chuan bati eng zat nge a neih ták?



Tih dan:

100	10	1
2	3	7
+	1	5

Belh khawm

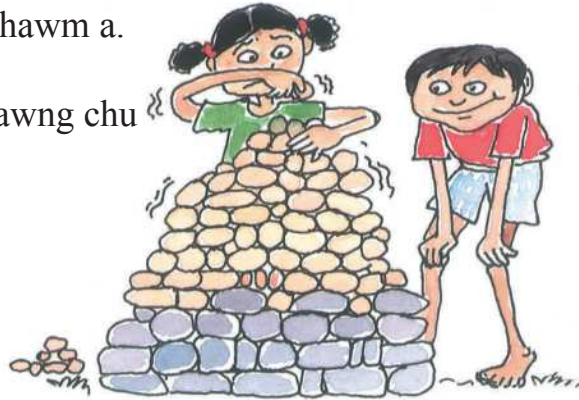
A hnauai zawhnate hi ngun takin ngaihtuah la, han chhût chhuak teh.

- A. Rel pindan pakhat chuan mi 132 an leng a. A pindan pahnihnaah chuan mi 129 an leng thung a. Chu rel pindan pahnihah chuan mi eng zat nge leng thei?



- B. Siami chuan lungte 138 a chhar khawm a.  
 Kima chuan 44 a chhar bawk a.  
 Lungte an chhar khawm zawng zawng chu  
 eng zat nge ni ang?

100	10	1
1	3	8
+	4	4



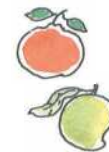
- C. Zirtirtu pakhat chuan a lehkhawm a sikul naupangte thei duh zâwng a  
 hnuai tarlan ang hian a chhinchhiah a:

Zirlai	Serthlum	Theihai	Belh khawm
Hmeichhia	136	240	
Mipa	128	243	
Belh khawm			



**Hengte hi zawng chhuak rawh:**

- a) Serthlum duhtu naupang eng zat nge?
- b) Theihai duhtu naupang eng zat nge an nih?
- c) An vaiin sikul naupangte kha eng zat nge an nih?
- d) Hmeichhiate hi 350 aiin an tam nge an tlem?





Ti ve teh



- A. (i)  $345 + 52$  (iv)  $643 + 345$   
 (ii)  $492 + 29$  (v)  $750 + 219$   
 (iii)  $245 + 93$

B. $319$	$304$	$363$
$+ 323$	$+ 406$	$+ 456$
<input type="text"/>	<input type="text"/>	<input type="text"/>

$427$	$684$
$+ 248$	$+ 232$
<input type="text"/>	<input type="text"/>

PUZZLE

Belh hi ka thian tha ber  
 a ni a. Kan inmil thlap  
 zel a. Ka belh zawh  
 apiang hian kan inmil zia  
 han fiah teh u.

Rel Game :

Thian pahnihin he game hi khelh tur a ni. Phek kil tinah hian rel pakhat lem a awm zel a. Rel pindan thenkhatah chuan mi an lo lut(+) a, a thenah erawh chuan an chhuak(-) bawk a. An zavai hian eng zat nge an nih? I rilruin lo chhât la. I thianten nen han sawi ho dawn teh u! A chhât dik hmasa apiang chuan point an hmu ang a, an point hmuh zat kha zia zel ula. A chak zawk hre turin in point hmuhte belh rawh u.





POINT 5 HMUH



Nambar ziah dan chi li te hi i han zir dawn teh ang.



Bâwm hmasa bera nambur inkawpte hi i belh dun chuan 59 vek i belh chhuak ang.

59
50 + 9
30 + 29
19 + 40
59 + 0

78
+
+
30 +
+

83
+
+ 43
+
+

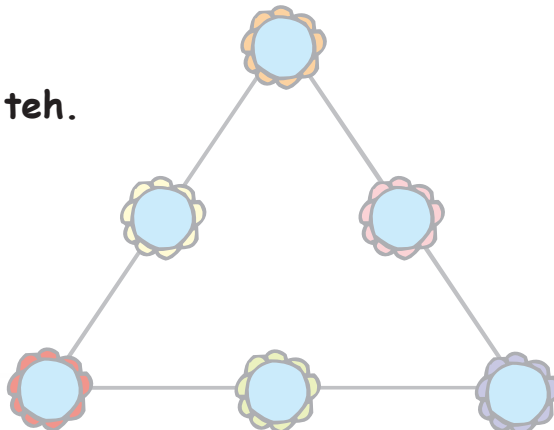
99
+
+ 39
+
+

102
+
+
+
+ 50

168
+
+
+ 68
+

He **PUZZLE** hi han chhût teh.

Rin bial tinahte hian nambur 1,2,3,4,5,6 dah tur a ni a. Rin bial sir tina i nambur dah belh khawm chu 12 ani tur a ni.



POINT 5 HMUH

## Mathani iptê zawng rawh

A hnuai nambarte hi i rilruin belh rawh:



a)  $75 + 20 =$

95

g)  $670 + 120 =$

b)  $90 + 60 =$

150

h)  $380 + 210 =$

c)  $25 + 30 + 3 =$

i)  $205 + 650 =$

d)  $9 + 40 + 31 =$

j)  $128 + 600 =$

e)  $500 + 200 =$

k)  $150 + 69 =$

f)  $400 + 350 =$

l)  $37 + 46 + 3 =$

Mathani iptê zawng la, uluk takin chhût rawh.

A chung a i belh chhuah nambarah rin kal zel rawh.

95	150	73	428	59
80	58	590	855	615
700	750	790	728	155
341	212	93	219	47
100	99	120	86	200



## Card Game

Ni khat chu Sêni leh Biaka hi an infiam a. Seni chuan Biaka chu Card numar nei pathum a pe a. Chu card chu chi hnih in Biaka chuan a rem ta a.

He card hi chi hnih ringawt lo deuhin i rem thiam em?



$$150 - 30 = 120$$

Sêni chuan hetiang hian a rem ve thung a:

$$120 + 30 = 150$$

$$30 + 120 = 150$$

A nuam ti raw!

Nang pawhin i thiam ve ngei ang. A hnuai mi te hi i Card hman tur chu a ni a. Heng Card te hi bawm ruak ah hian dik takin han rem ve teh le.

a)

50	70	20	
	+		=
	+		=

50	20	70	
	-		=
	-		=

b)

30	42	12	
	+		=
	+		=

30	42	12	
	-		=
	-		=



## 4 Sei leh Tawi



0325CH04

Lali chuan a pa dâwr a lo nghâk a. Lo neitu pakhat hian hruizên a rawn lei a.



Hruizên hla 7-a sei min lo pe teh?

Hei le, hruizên hlam 7 chu le.



Chuti nangma hlam khan teh mai rawh, i hlam 7 ngei chu i lei dawn nia.

Mahse hei chu hlam 6 chauh a nih hi.



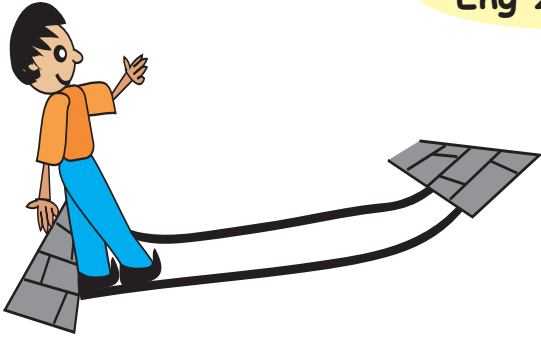
Tichuan, lo neitu hlam 7-a sei chu Lali chuan a leitir ta a.

I hlam leh i nu hlam sei zâwng kha han teh dun la, a inthlahna eng chen nge?

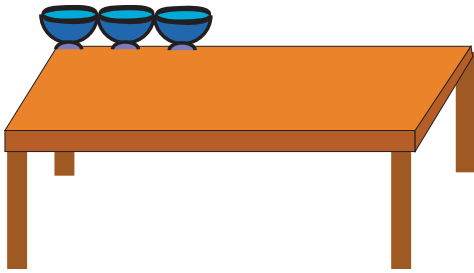


Naupangte chu an bul vela thil chi hrang hrangte sei zâwng leh a teh dan chi hrang hrangte chik turin hrih ang che. Entir nan - cubit, khâp, kut zungtangte hmanga a sei zâwng teha an hralh chi hruï, par̄hi, puan, etc. An taksa bung hrang hrangte hmangin thil sei zâwng leh thui zâwngte tehtir ve thìn tur a ni.

Eng zat nge?

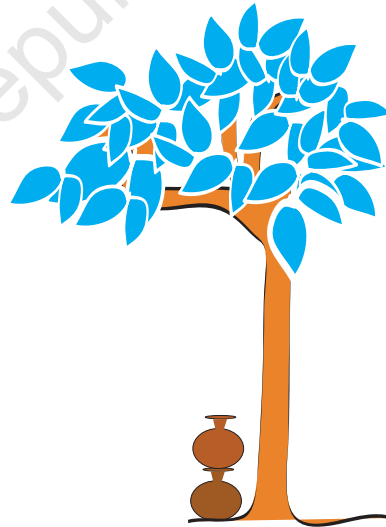


- \* Pên eng zatah nge dara hian kawng hi a kân ang?

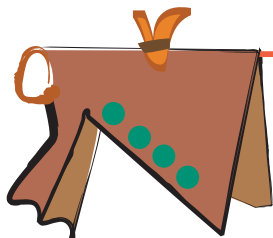


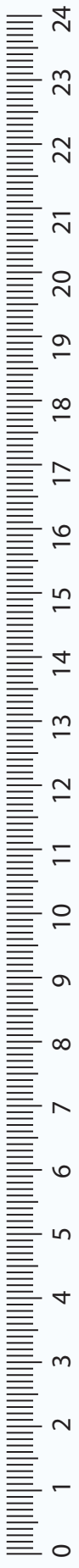
- \* He dawhkan tlangah hian no eng zat nge tlar theih ang?

- \* Thing zâr tawng phak tur hian bêl eng zat nge chherchhuan ngai?

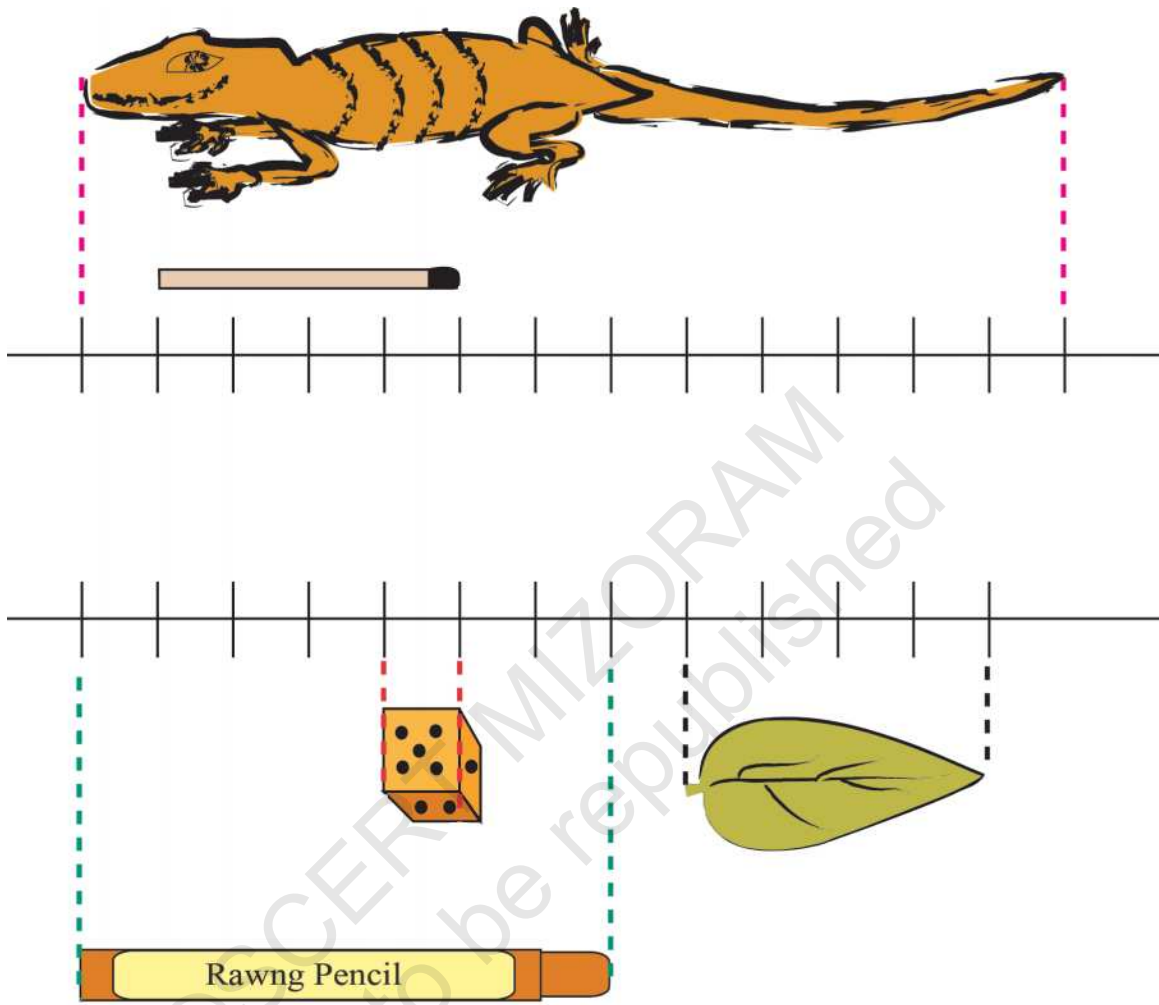


- \* He tlangbanah hian kawr eng zat nge leng thei ang?





Centimetre (cm) hi eng chen nge?



Nawhalh fung hi centimetre 4-a sei a ni.

Dice kil tin hi centimetre 1 zela sei a ni.

Daidep hi centimetre 13-a sei a ni.

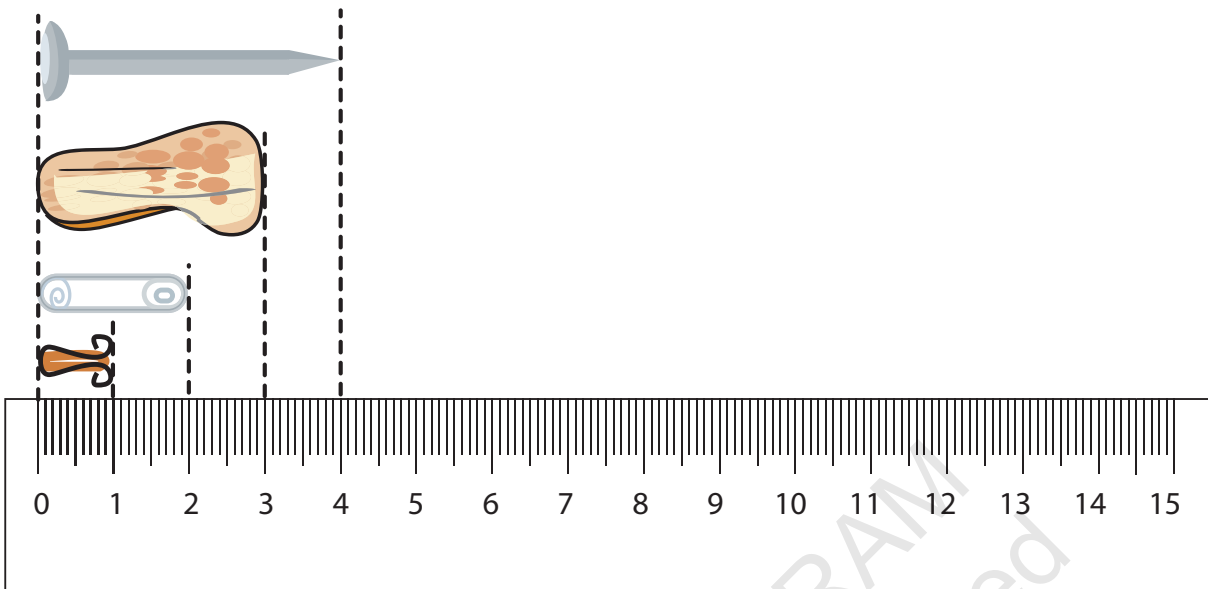
Hnah sei zawng hi centimetre \_\_\_\_\_ a ni.

Rawng pencil hi centimetre \_\_\_\_\_ a sei a ni.

Tunah chuan, i geometry box chhunga scale kha han en teh. Centimetre eng zata sei nge a nih? \_\_\_\_\_



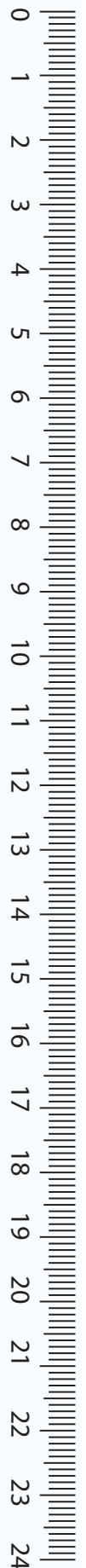
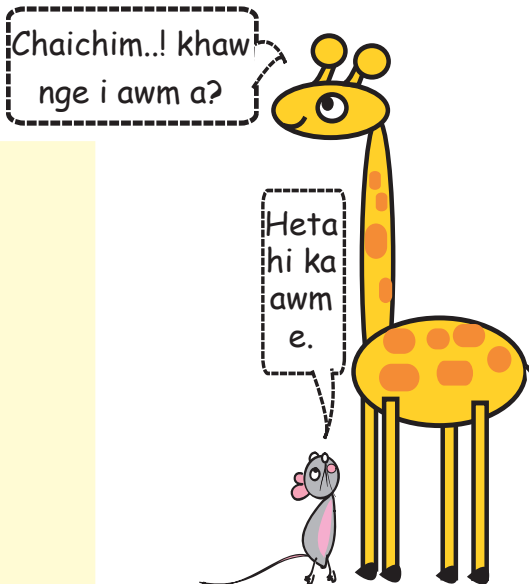
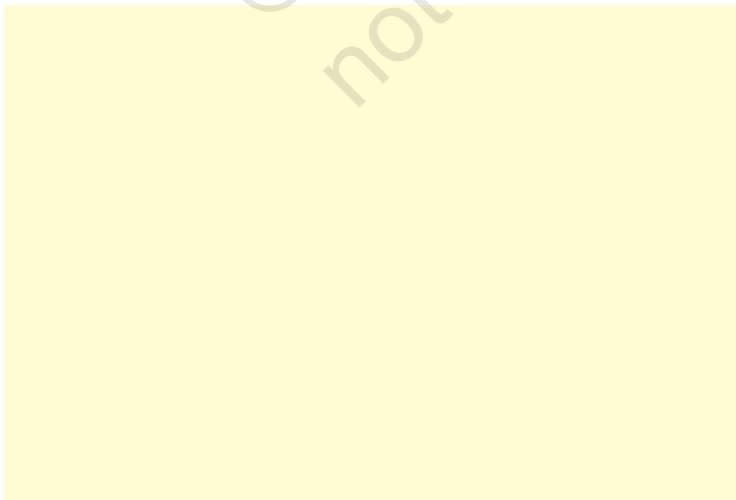
Sikula hman tam ber scale te chi lan dan chu a hnuai a mi ang hi a ni.

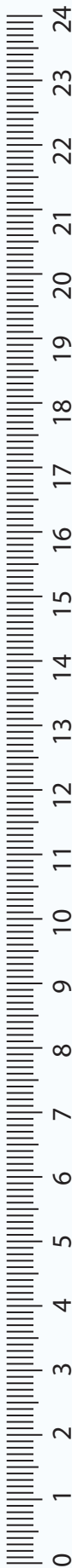


0 aṅga teh ṅan tur a ni ang ti rawh.

Scale chung a milemte khi en la, a sei zâwng han sawi teh.

- \* Scale a inziak rin te tak tē tē khi a hmanna i hria em?
- \* Heng thilte hi i han la khawm teh ang.
  - \* Centimetre 10 vela sei
  - \* Centimetre 10 leh 20 inkar a sei.
  - \* Centimetre 1 aia tawi.
- \* A lemte han ziaak teh.





### Ka kut hi eng tiat nge?


I kut zungpui leh kut zungte sei zâwng kha he zirlai bu phek sira scale-ah hian han teh la. I kut zungpui nge sei zawk i kut zungte?

In class-ah measuring tape rawn keng la, i taksa bung hrang hrangte sei zâwng han ring chhin la, i ring dik em? A dik leh dik loh hriat nan han inteh la. I duh chuan scale emaw hrui emaw measuring tape emaw pawh i hmang thei ang.



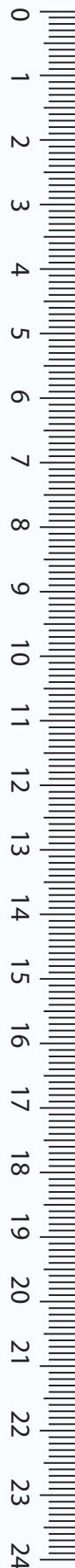
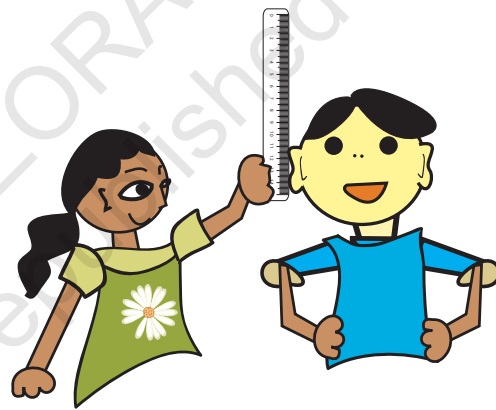
**Ngaihtuah rawh**

Tehna atan hian hrui hmang ta la, engtin nge a centimetre zat i hriat thei ang?

	<i>Keimah</i>	<i>Ka thiante</i>
Hnâr sei zâwng	centimetre _____	centimetre _____
Banrêk len zâwng	centimetre _____	centimetre _____
Lu len zâwng	centimetre _____	centimetre _____
Beng hlai zâwng	centimetre _____	centimetre _____
Kut hmawr ațanga banrek sei zâwng	centimetre _____	centimetre _____

In thiante nen in len zâwng kha han in khai khin teh u.

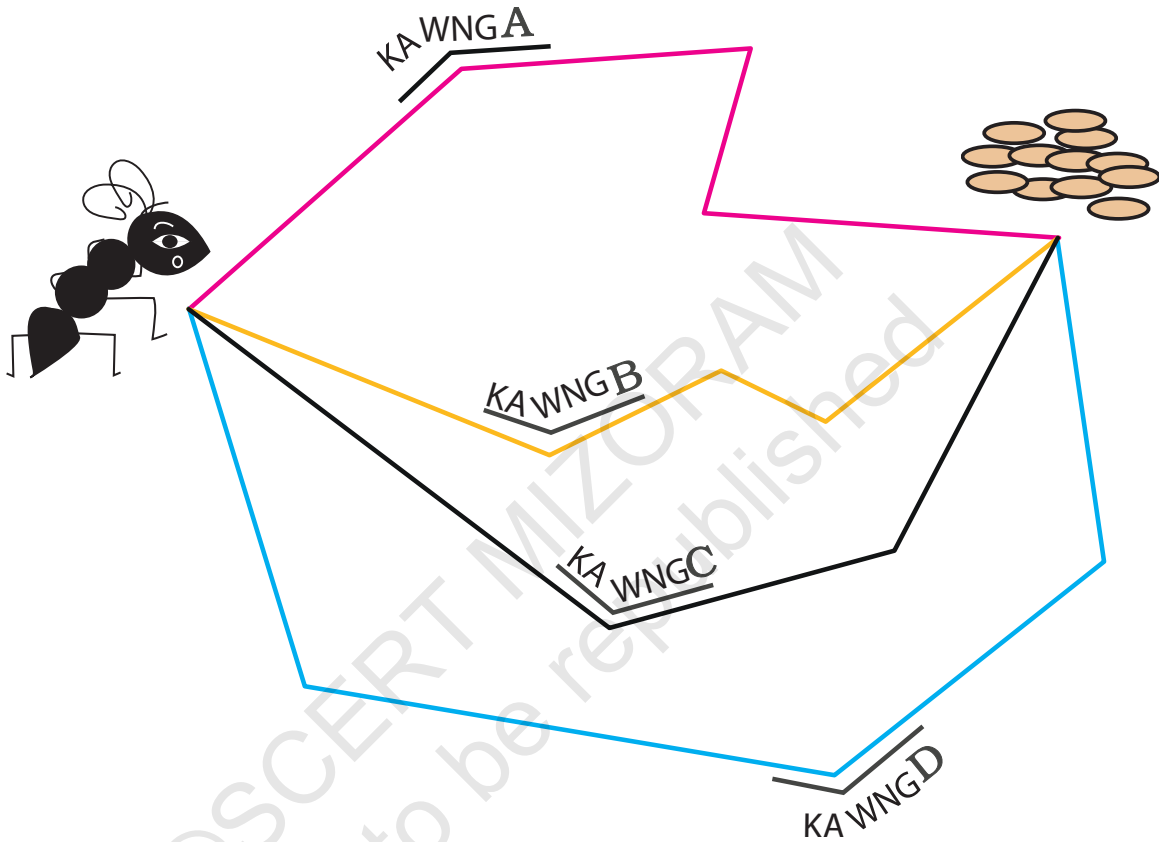
- Tu lu nge lian ber a, tu lu nge tê ber?  
\_\_\_\_\_
- Tu kutphah nge sei ber? (Kut zunglai hmawr ațanga banrêk thlenga teh tur) \_\_\_\_\_
- I beng nge sei zawk i hnar?  
\_\_\_\_\_
- I tin kha centimetre 1 aia sei a awm em? \_\_\_\_\_





## Gibli-i leh buhfang

Fanghmir pakhat Gibli-i hi a awm a. Buhfang la turin kawng tawi thei ang bera kal a tum a, khawi kawng hi nge tawi ber ni a i hriat han hrilh teh.



A chungta tar lante aia tawi tur kawng i siam thei em? Engtia sei nge a nih?

\_\_\_\_\_

Naupangten metre sei zawng an hriat theih nan tih tur harsa pui pui, metre, centimetre-a chantir, etc hmanga zirtir ni lovin an hriat tawh sa - an san zâwng, etc hmanga zirtir a pawimawh zawk a. Pawl 3 zirlai naupangte chuan a sei lehzial kilometre-te chu an la hre thiam pha lo mai thei. Kilometre sei zâwng hi thawnthu emaw hmangin sawitir thin tur a ni. Map en dan an zir nan Agra map hi dah a ni a, chhinchhiaha an hriat mai tur ang te pawh dah tel a ni bawk.

## Metre hi engtia sei nge?

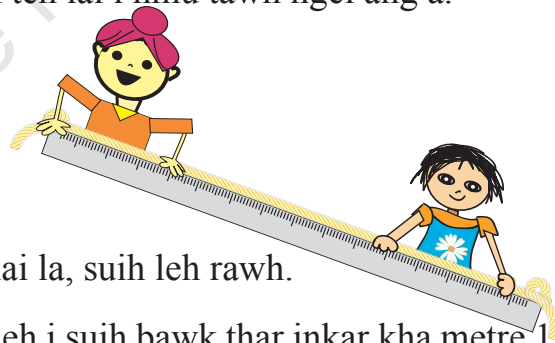
Metre khat in centimetre 100 a tluk



## Metre hrui i han siam dawn teh ang

Dawrkaiten metre tiang hmanga puan an teh lai i hmu tawh ngei ang a.

- Metre tiang leh hrui la chhuak la.
- Hrui hmawrah chuan suih rawh le.
- Hrui chu metre chuan teh la.
- Hrui-ah chuan metre khat chin chu thai la, suih leh rawh.
- Tichuan hrui hmawra i suih bawk sa leh i suih bawk thar inkar kha metre 1 chiah tihna a ni. Chu chu metre hrui chu a ni.



Metre tehna tiang i neih loh pawhin measuring tape a hman theih tho a. Hruiah chuan centimetre 100 i chhinchhiah leh phawt ang a, centimetre 100 chuan metre 1 a tluk a ni. Tichuan metre hrui i nei ta a ni.



24  
23  
22  
21  
20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1  
0

**Ring phawt la, finfiah rawh.**



**Activity 1**

- \* In classroom-a thil awm metre 1 vela sei ngaihtuah la.
- \* Metre hrui siam sa hmang khan metre 1 a tling nge tling lo finfiah teh.

<i>Thil hming</i>	<i>Metre 1 aia sei</i>	<i>Metre 1 aia tawi</i>
Dawhkan sei zâwng	-	-
Dawhkan hlâi zâwng	-	-
Kawngkhar hlâi zâwng	-	-
Kawngkhar sei zâwng	-	-
	-	-
	-	-
	-	-
	-	-

**Activity 2**

Class III naupang thenkhatte chuan an classroom bangah metre 1 san zâwng tehin an chhinchhiah a.

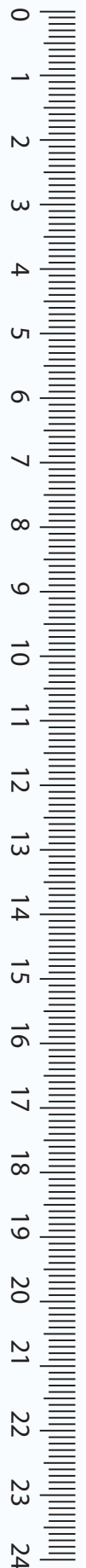
In class naupang pawhin chutiang chuan in classroom bangah han ti ve teh u.

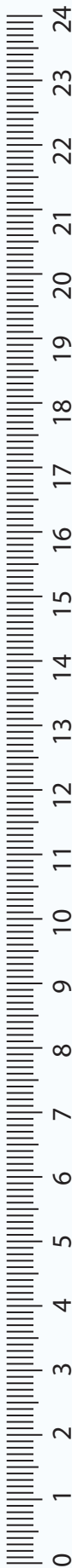




Tunah chuan in thianzaho san zâwnng kan chhinchhiah ang. Centimetre teh nan chuan i scale tawi kha i hmang thei ang.

<i>Hming</i>	<i>Metre 1/ aia hniam/ aia sâng</i>	<i>Metre 1 pelhna/ tlin lohna centimetre zât</i>
Sawma	Metre 1 aia sâng	4 centimetre
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

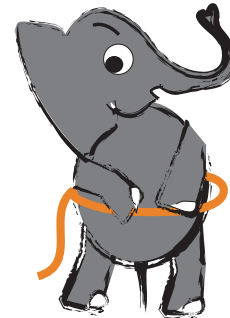




### Centimetre nge Metre?

Heng teh nan hian metre nge centimetre hman remchang zawk ang?

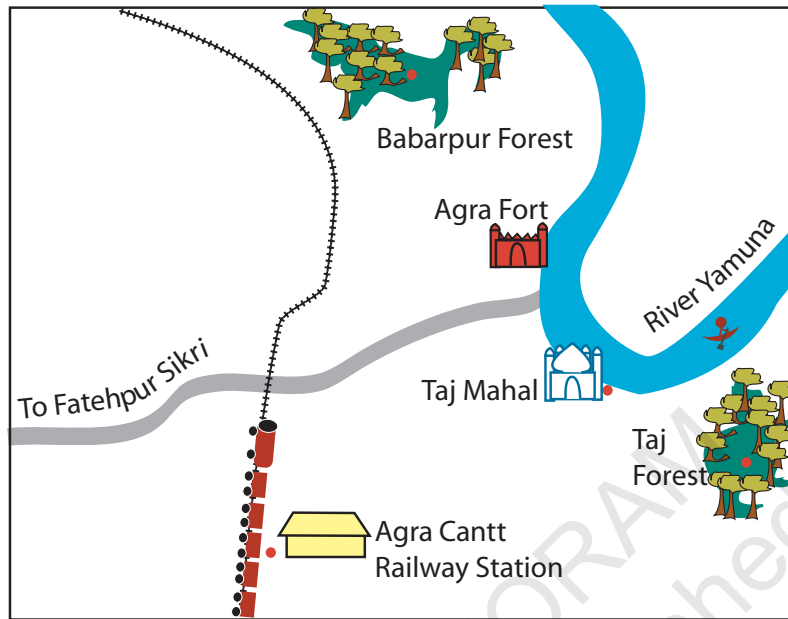
- \* Computer hmai hlai zâwnng
- \* Blackboard hlai zâwnng
- \* Naute kum 1 mi san zâwnng
- \* Balhla sei zâwnng
- \* Sai dul len zâwnng
- \* Fu tlawn sei zâwnng
- \* Tuichhunchhuah thûk zâwnng
- \* I nu sân zâwnng
- \* Classroom ațanga sikul gate hlat zâwnng
- \* I pa bân sei zâwnng.



### Agra zinkawng

Sangpuii leh Rinliana te chu an chhungte nen Agra-ah an kal a. Agra Cantt. Railway station-ah an chhuk a, chuta țang chuan rickshaw-in Taj Mahal an pan ta a. Darkar 3 hnuah chuan rickshaw bawkin Agra Fort lam an pan leh a. Chawhnuah chuan bus-in Fatehpur Sikri lam an pan ta a ni.

## MAP OF AGRA



Tunah chuan khang hmun hrang hrang kan tar lante inkar hlat zâwng kha han en ho ila (Kilometre hi km tia ziah thin a ni.) .

- ❖ Agra Cantt. Railway Station atanga Taj Mahal - km 5
- ❖ Taj Mahal atanga Agra Fort - km 2
- ❖ Agra Fort atanga Fatehpur Sikri - km 40

Map tar lan atang khian hengte hi zawng rawh:

- ❖ A eng zawk hi nge Agra Cantt. Railway Station atanga hla zawka i hriat - Taj Mahal nge Fatehpur Sikri?

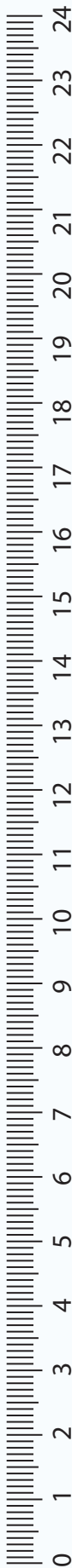
||||| hian rel kawng a entir.

Heng zingah hian eng ber hian nge rel kawng hnaih zawk?

- ❖ Babarpur nge Taj Forest?
- ❖ Agra Fort nge Taj Mahal?

Eng hian nge Yamuna lui hnaih zawk?

- ❖ Taj Mahal nge Railway Station?



A sei zâwng inmil thai zawm rawh.



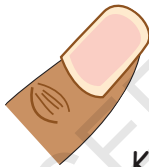
Changpât sei zâwng

Kilometre 2



Naupang san zâwng

Metre 5



Kuttin sei zâwng

Centimetre 10



Sari puan sei zâwng

Centimetre 1



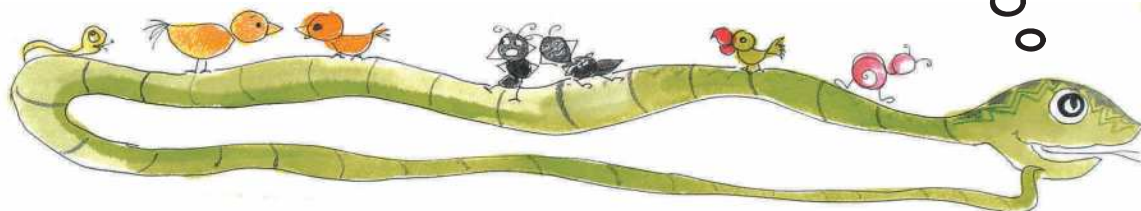
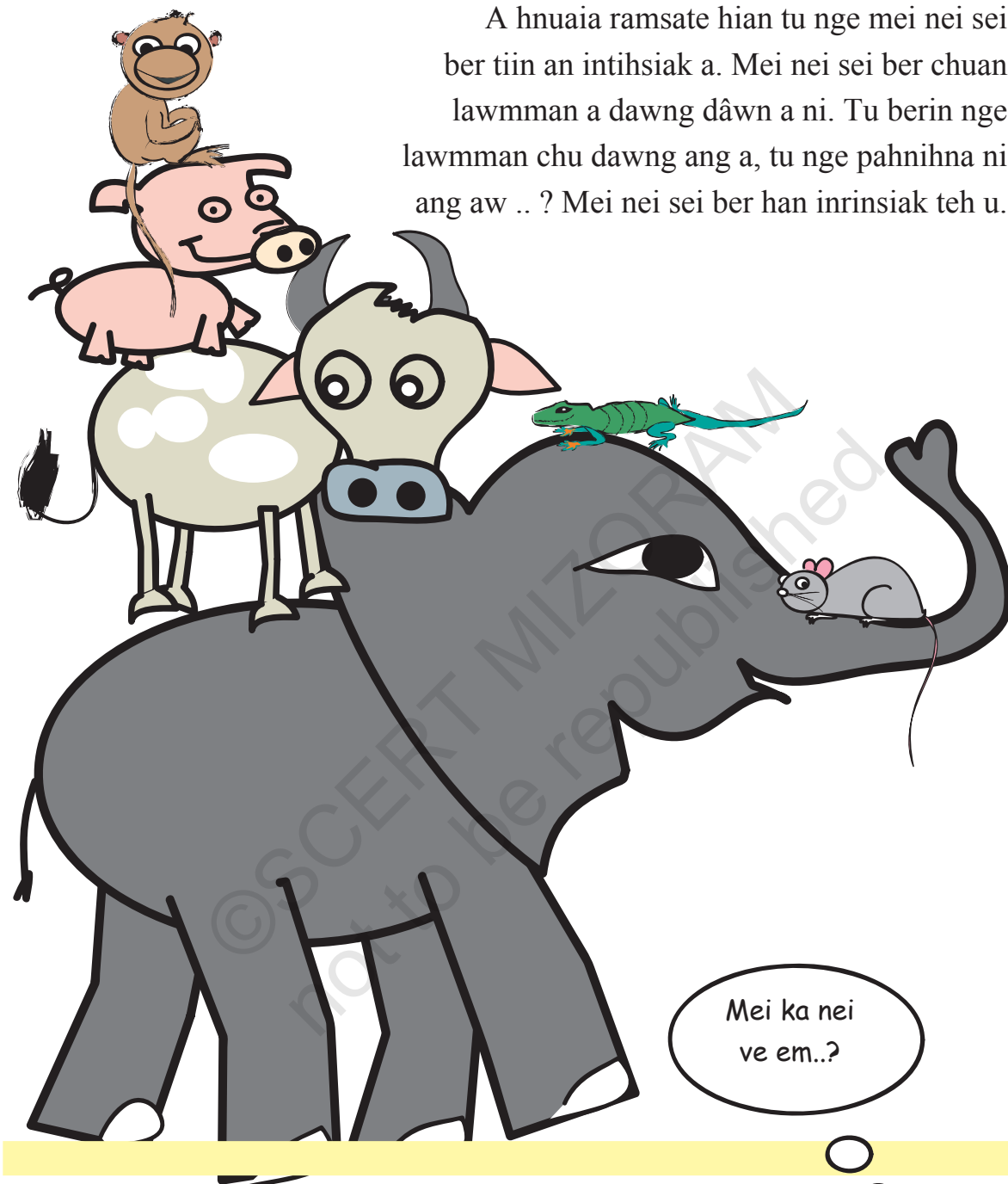
In leh sikul inkar hlat zâwng

Metre 1



## Tu pa mei sei sei

A hnuai a ramsate hian tu nge mei nei sei ber tiin an intihsiak a. Mei nei sei ber chuan lawmman a dawng dâwn a ni. Tu berin nge lawmman chu dawng ang a, tu nge pahnihna ni ang aw .. ? Mei nei sei ber han inrinsiak teh u.



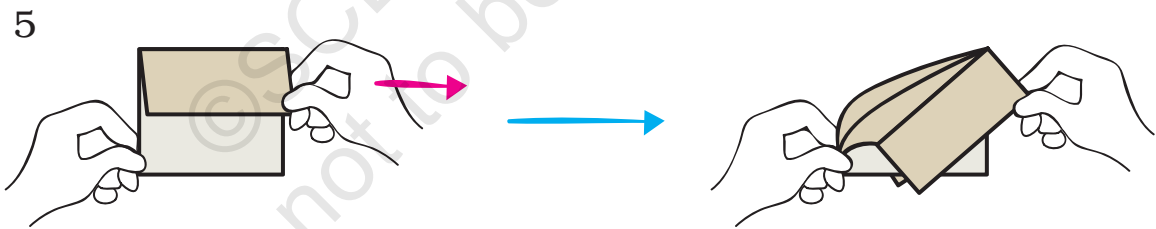
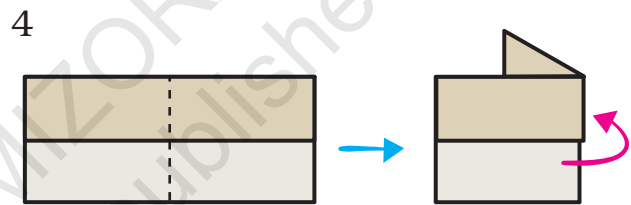
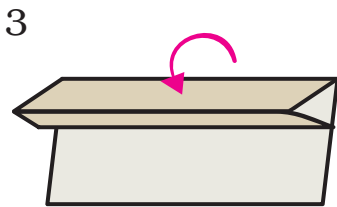
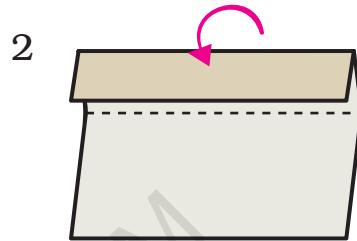
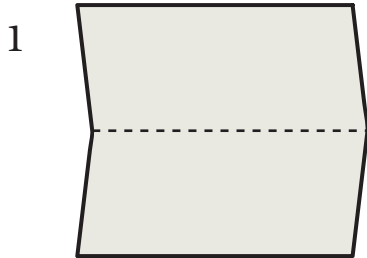


# Pianh mang leh Zia



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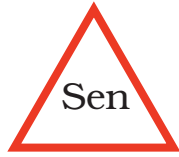
Vaipuah siam rawh



## Pianhmang chi hrang hrang nen infiam teh

He milem hi a hnuaia chei dan tur rawng pek sa ang hian chei rawh.

Triangle



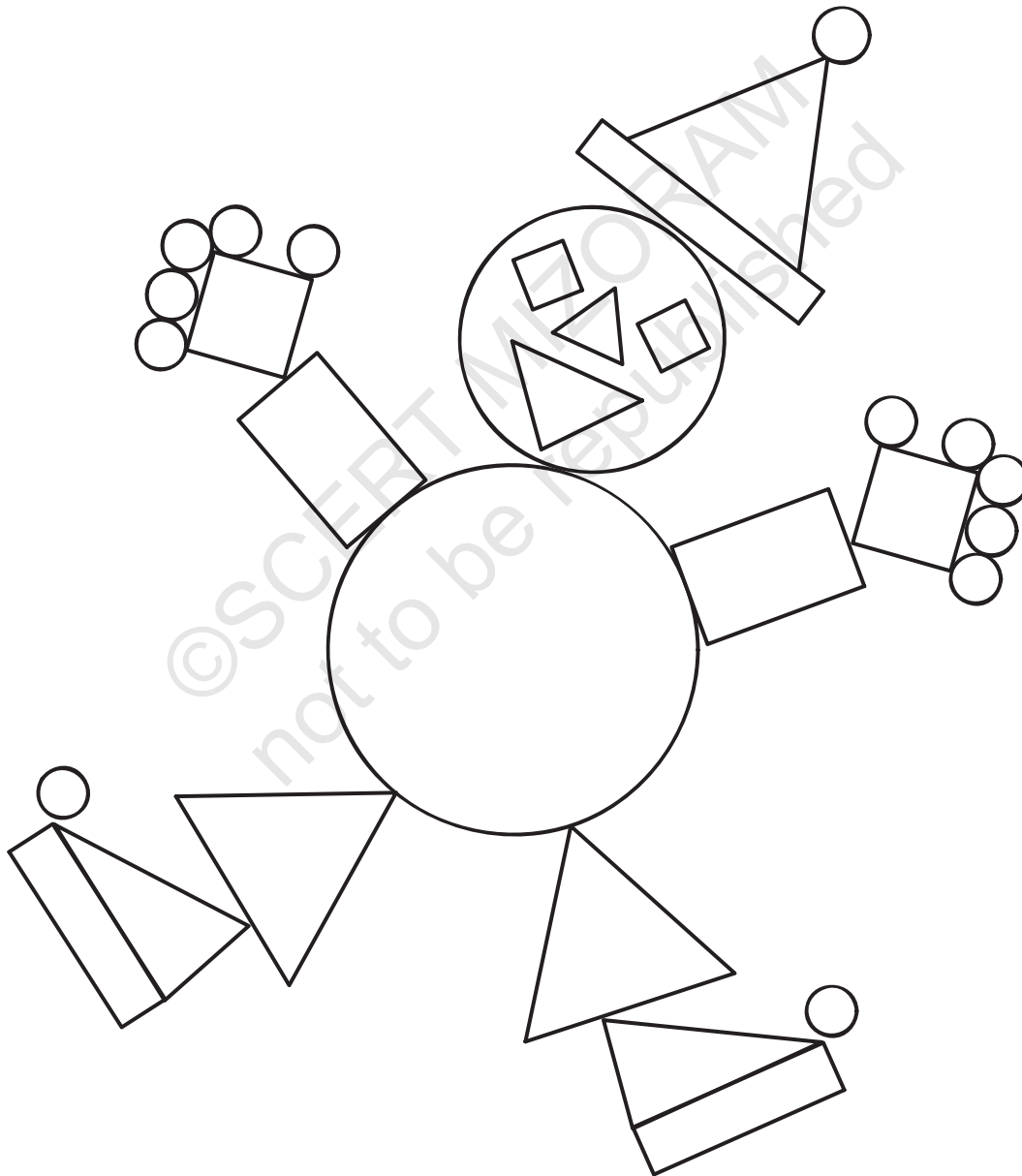
Rectangle



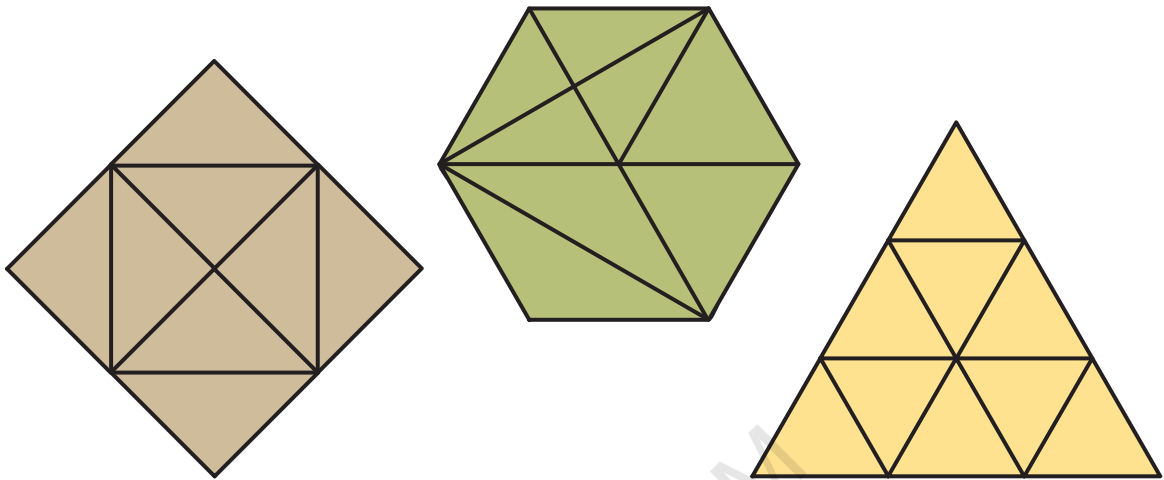
Square



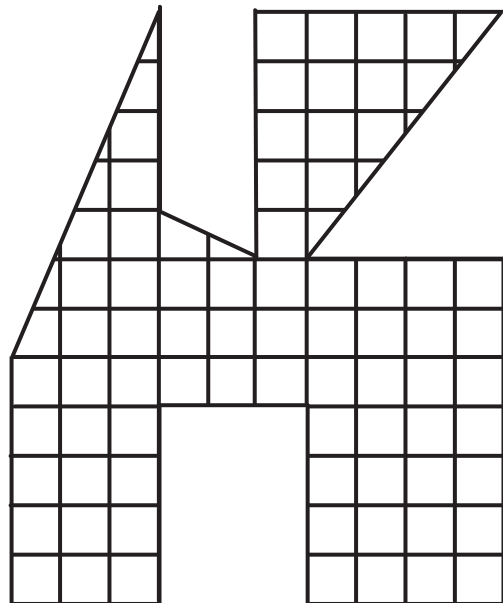
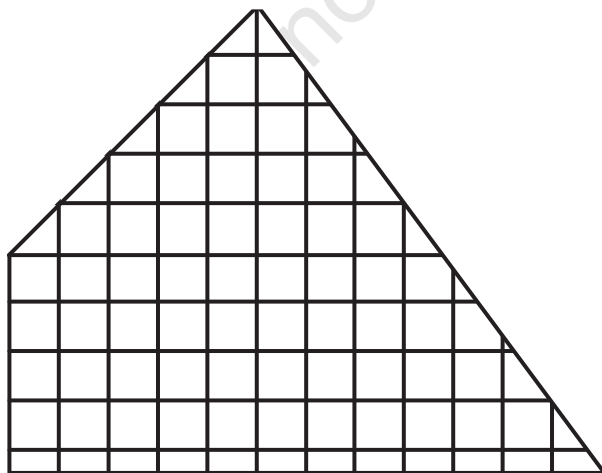
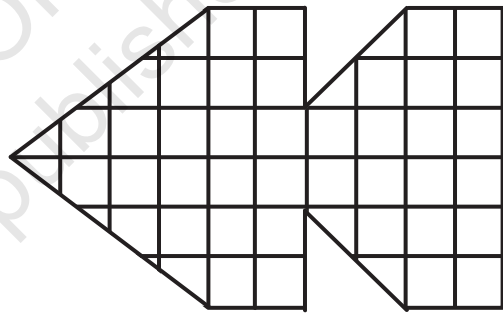
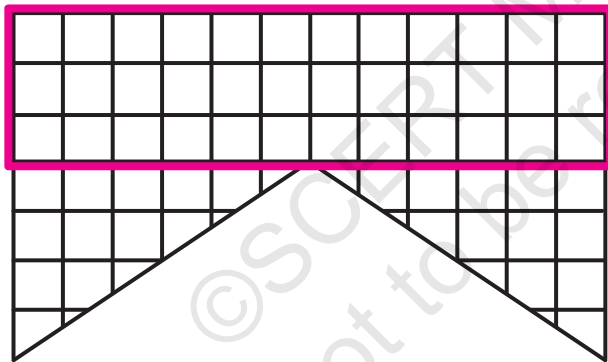
Circle



Heng pianhmang hrang hrangahte hian triangle eng zat nge awm?



A hnuaia pianhmang hrang hrangah hian rectangle lian ber zawng chhuak rawh.





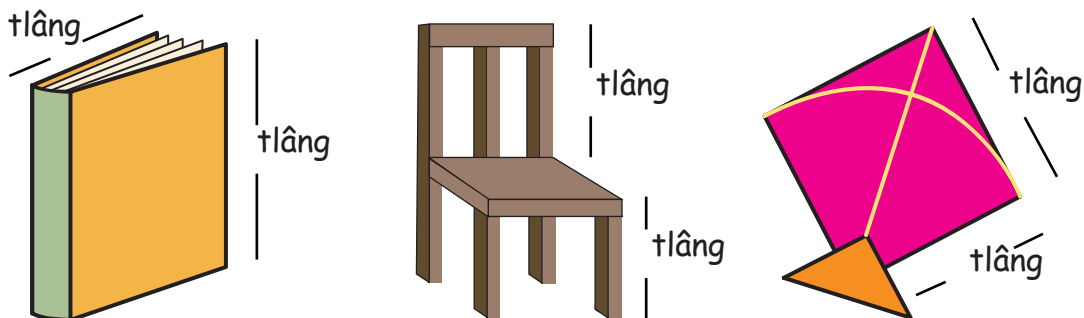
## Tlâng leh Kil (Edges and Corners)

Mawiteii leh a thian 5-te chu an infiam a. Thana chu a mit an tuamsak a, a duh chhen chena rei kut a beng a, a ben chhung chuan midanghote chuan dawhkan an lo hel kual tur a ni. Thana kut ben zawh veleh mi dangho chu an awmna hmunah an ding nghal vek tur a ni. Dawhkan kil khawih lo palh apiang chuan a hlah tihna a ni a, a mit tuam ve thung tur a ni ang.

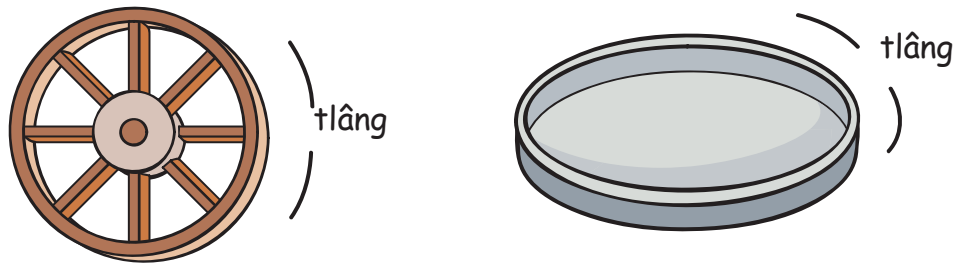


- A chunga milem tar lanah khian tuber nge hlah?
- Khawi laiah nge Kima a din?
- Dawhkan bialah he game hi a tih ve theih tho i ring em? Eng nge a chhan?

Kan bul hnaia thil tam takte hian tlâng **ngil** tak an nei a. Entir nan:



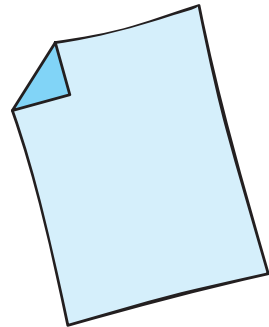
A thente erawh chu an tlâng a **kual** ve thung. Entir nan:



- I bul hnaia bungraw awmte kha an tlâng a ngil nge a kual tih han en teh.
- Tlâng ngil neite khan kil an nei em?
- Tlâng bial neite khan kil an nei ve tho em?
- Thil tlâng bial leh kil nei kawp eng nge i hriat?


### Ti ve rawh

- Lehkhapuan pheh khat la la.
- A kilte kha chhiar rawh.
- A sir kil pakhat kha han thlep la.
  - Tunah khan kil eng zat nge a neih tak?
  - Lehkhapuan kha a hnuiaia sawi zat a kilte hi thlep la, kil eng zat nge awm ta ang?
    - kil 2
    - kil 3
    - kil 4
  - I lehkhapuan hman lai kha kil pathum chauh nei turin i thlep thiam ang em? Mahse thleh hnih aia tam thleh phal a ni lo. Eng pianhmang nge lo chhuak ta?
- Hetiang bawk hian square paper hmangin ti leh rawh.



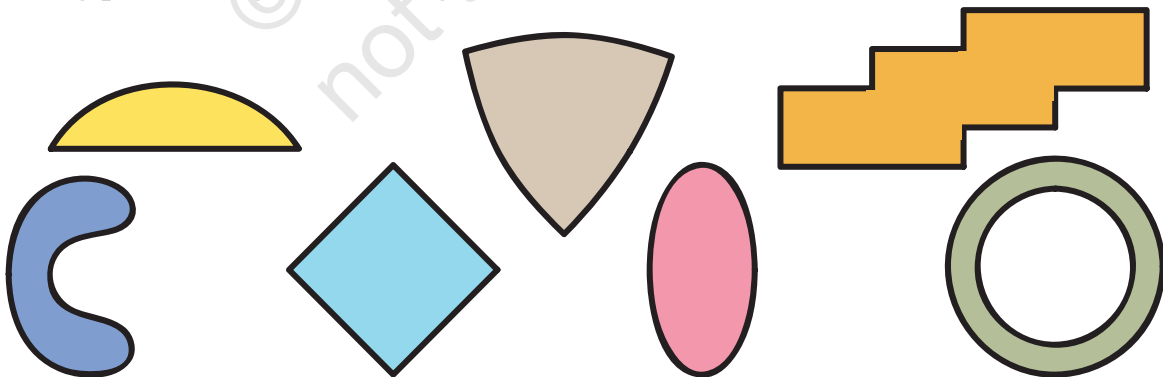
5. Square paper kil zawng zawngte kha a kil neih sa zat tidanglam miah lovin i thlep thiam ang em??

A hnuaiabâwmte hi en la, kil neiho zawng zâwnah thai (✓) rawh. Tin, kil emaw tâng emaw an neih zat tar lang nghal bawkw ang che.

<i>Hming</i>	<i>Kil a nei em</i>	<i>Tlâng neih zat</i>	<i>Kil neih zat</i>
Die 	Aw		8
Ball			
Nawhreh			
Artui			
Lehkhapuan			

A hnuaiamilemahte hian kil nei zawng zawng thai (✓) rawh.

Heng pianhmangte hian tlâng kwal an nei em?



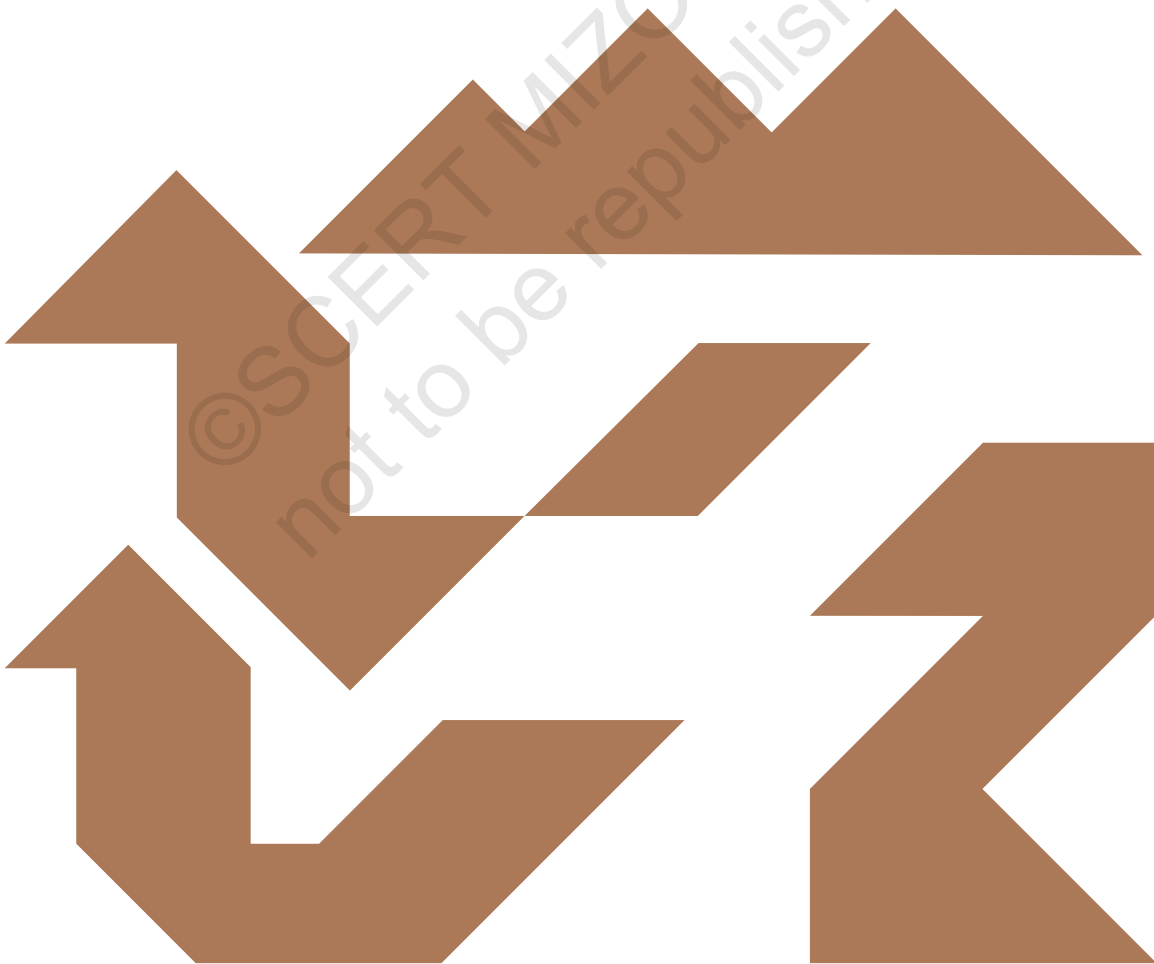
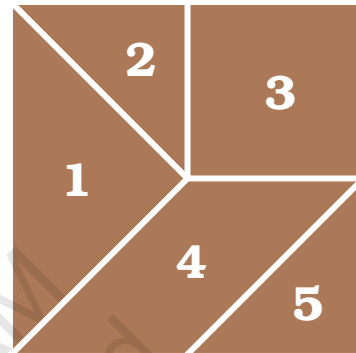
Rin ngil chauh hmangin kil nei miah lo pianhmang i siam thei ang em?

## Tangram

Tangram chu hmanlai Chinese-ho puzzle a ni a. Tangram bung nawi têt têt aţang hian ramsa lem te, mihring lem te leh thil hrang hrang lem te a siam theih a ni.

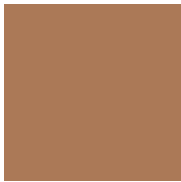
He lehkhabu tawp pheh 199-naah hian heta pianhmang lem ang hi dah a ni a. Chu chu chep thla la, an pianhmang ang zelin chep nawi rawh. Hetiang pianhmang hrang hrang pangate hi 5-piece tangram an ti.

Heng bung hrang hrang 5 hmang hian a hnuai thil lemte hi siam han tum teh le.

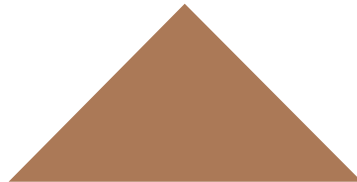




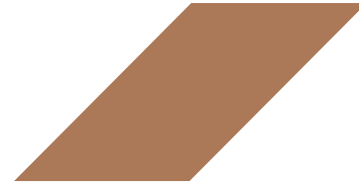
1. A lehkha chehah khan triangle eng zat nge i neih? An zavain an len zâwng a intiat em tih han zawng chhuak teh.
2. I cheh nawia triangle pahnih hmangin a hnuaiia thil lem ang hi siam ve rawh.



(1)



(2)

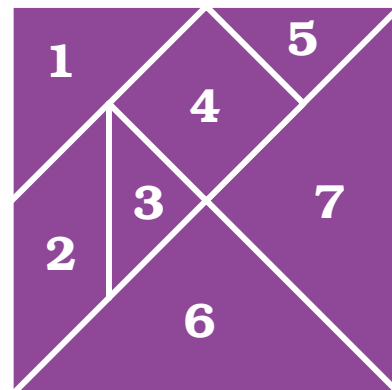


(3)

3. I tangram-ah khan pianhmang inang chiaah pahnih a awm a, chu chu zawng chhuak rawh.
4. I tangram no. 4-na leh 5-na kha la chhuak la, triangle sir khawi lai berah nge bung no. 4 chu i zawm theih zawng chhuak rawh.
5. Phek 66-naa thil lem paliahte hian tangram te-hi a hnuaiia inkawp zel ang hian khawi laiahte nge i dah dun theih?
  - a) No. 1-na leh 2-na
  - b) No. 2-na leh 4-na (Phek 66-a a lem en rawh)
  - c) No. 1-na leh 5-na
  - d) No. 2-na leh 5-na

### 7-piece tangram

Hei hi tangram lem bung 7 -a siam a ni a. Hetiang hi siam ve la, shape hrang hrangin han rem kual teh.



A hnuaia pianhmang  
hrang hrang ang hian  
han siam ve teh le.



A hnuaia pianhmang hrang hrang  
ang hi a bung hman tur bik tar lan  
ang chauh hmangin siam ve rawh.

i) Triangle chauh



ii) Bung 1, 2, 3 leh 5



iii) Triangle chauh

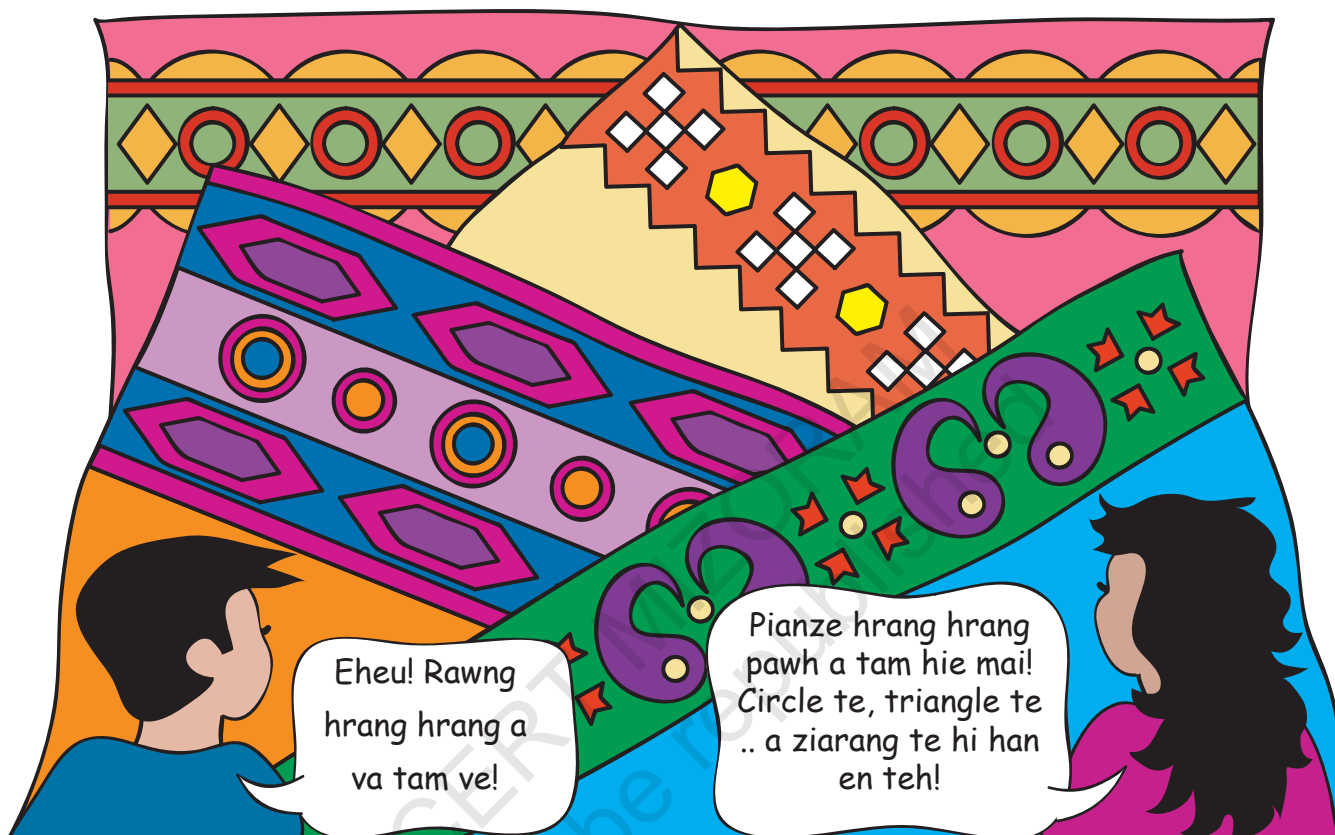


iv) Bung no. 1, 2, 3, 4 leh  
5



## Puan Ziarang (weaving patterns)

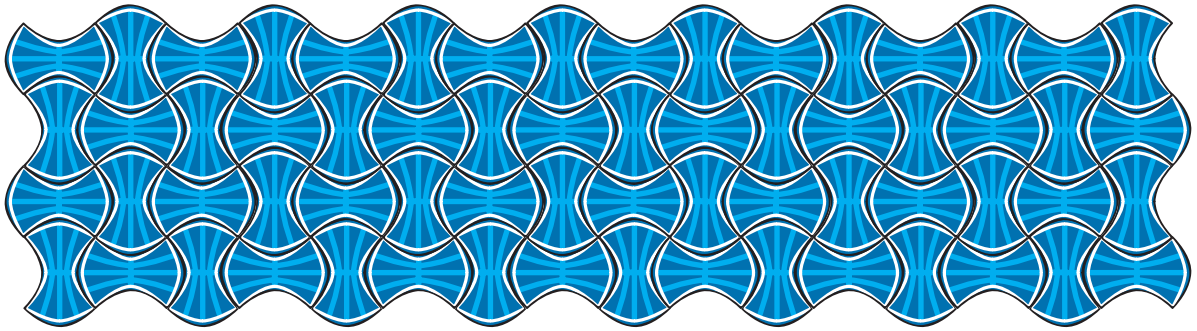
Zova leh Mami chu an ni hovin bazarah an kal a. Puan zeh chi hrang mawi tak tak an hmu a.



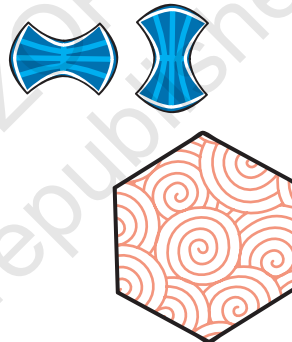
- \* Milem khi en la, geometry-a awm ang chi pianze hrang hrangte zawng chhuak la, i lehkhabuah ziak ve rawh.
- \* Pianze inang i hmu em? Eng ber hi nge?
- \* An pianziate khi hetiang siam hi an ni hlawm em?
  - (i) Rin kual
  - (ii) Rin ngil
  - (iii) Rin kual leh rin ngil inkawp
- \* I kawr te, i nu puan te leh in awngphah te kha han en la, ziarang nei an ni em? I lehkhabuah han ziak ve teh.

## Chhuatphah Ziarang

Chhuat hetiang ziarang nei hi i hmu tawh ngai em?

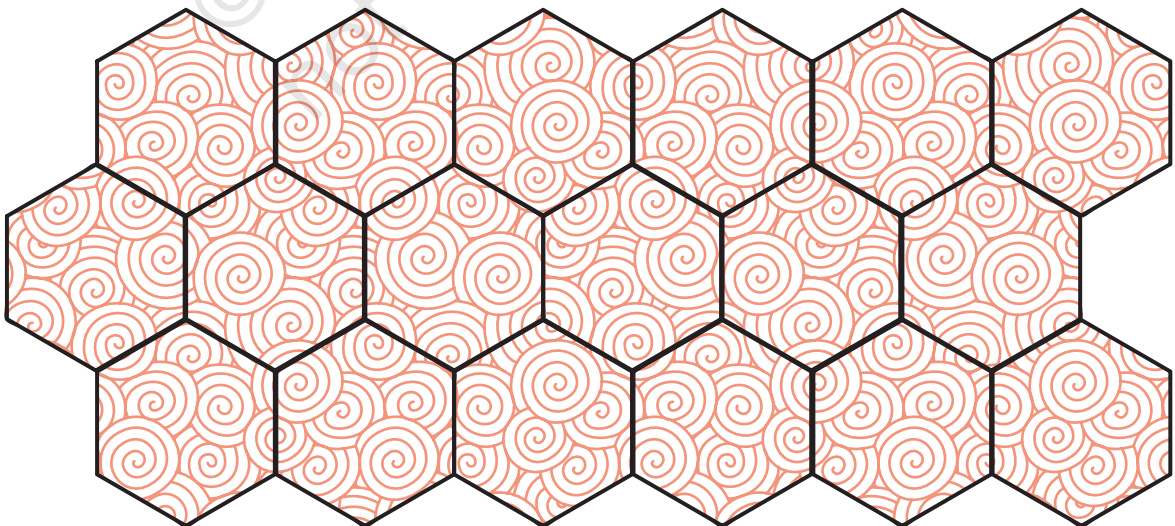


Heng ziarangte hi engtin nge an siam i hria em? Heng ziarangte siam tur hian tile phêk hrang hrangte kha kar awl awm lovin an phah chhuak vek a ni. Entir nan: a hnuai pianze nei tile te hi en la, an inzawm dan hi en teh le.



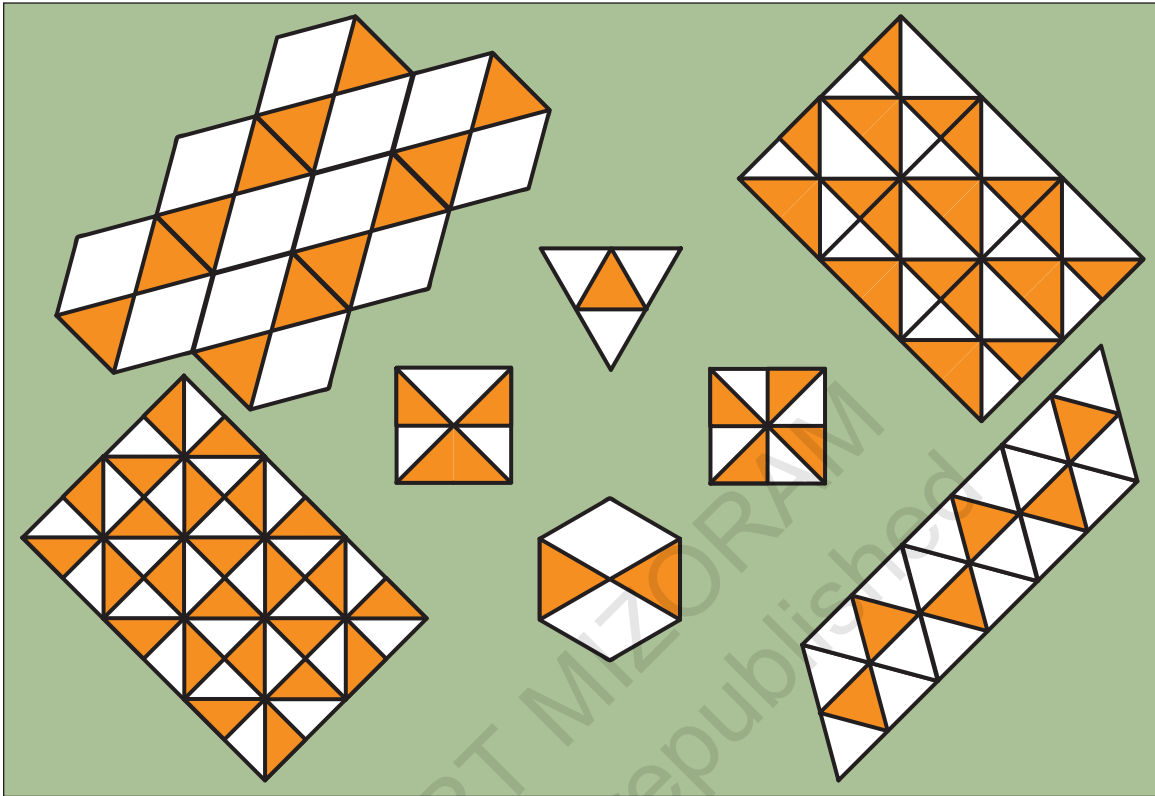
Hemi tile kil 6 nei hi han en leh la.

Hetieng pianze nei tile te hi chhuatah phui thapa phah theih a nih dan hi en teh.



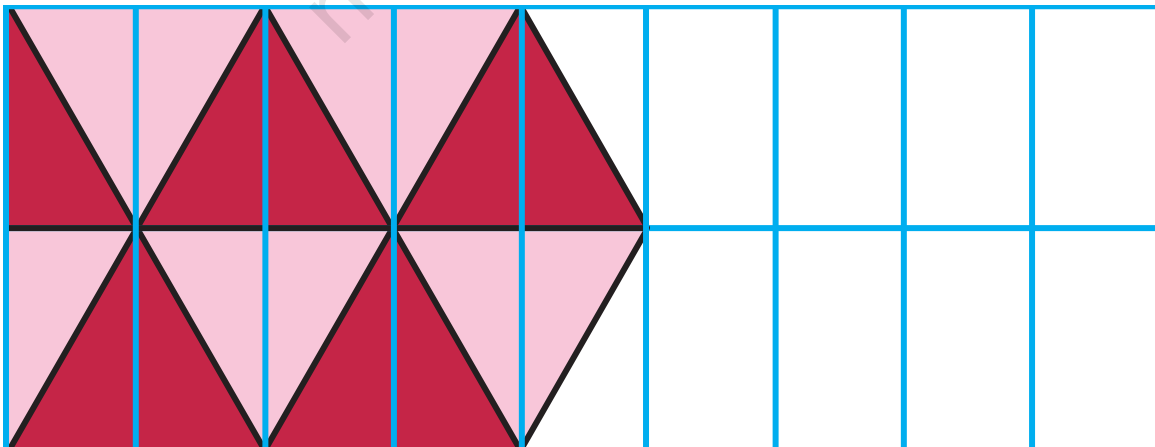


1. A hnuaiah hian tile-te hi chhuatphahah nem ta ila, eng pianzia hi nge an siam ang tih i hre thei em han thai zawm teh.

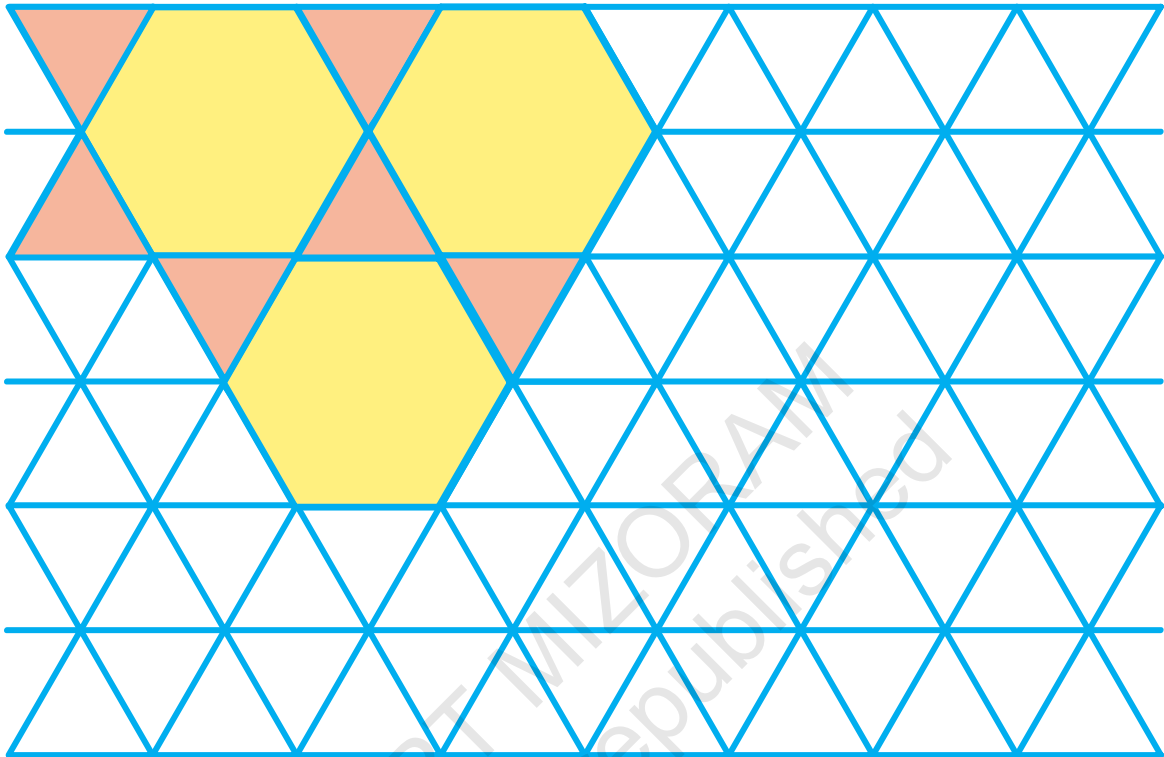


Nangma pualin tile leh a ziarang turte i siam chawp ve thei ang a, chung chu chhuatphah angin han bel chhin ve teh. Chutiang tile thenkhat chu he zirlai bu phek tawpah hian dah a ni a. Hengte pawh hi chep thlain, a dang siam nan zul la, rawngin i chei dawn nia.

2. Tile inrem sa zulzui hian thai chhunzawm rawh.

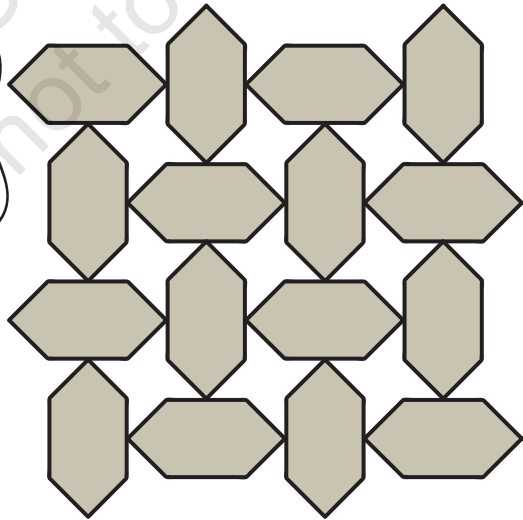
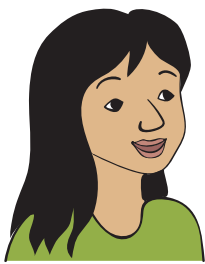


3. A hnuai mi kalphung zui hian chei chhunzawm la, phék 68-naa mi kil 6 hmanga rem tho nen khaikhin la. A inan lohna i hre thei em?



4. Khumi leh Hriata chu Agra-a awm an ni a. Ni khat chu Taj Mahal en turin an kal a, Taj Mahal chuan chhuat ziarang a hnuai tar lan ang hian a nei a.

He chhuat ziarangah chuan tile chi hnih ka hmu.



Tile chi khat chiah an hmangin ka hria.

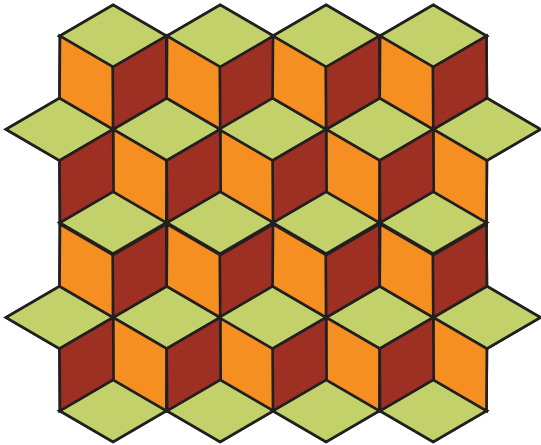


Nang engtin nge i hmuh ve, i thiante nen sawi ho rawh u.

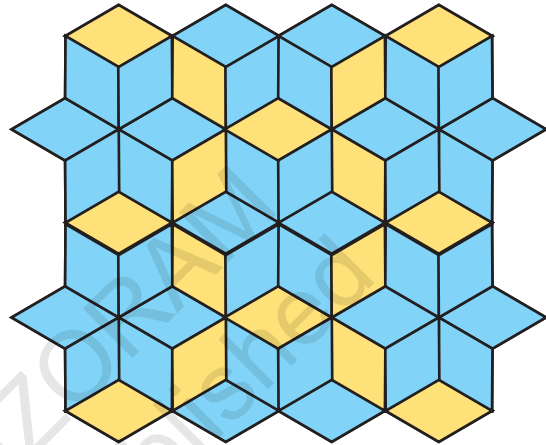
## Tiling Time

Heng ziarangte hi he tile  ațanga siam hi an ni.

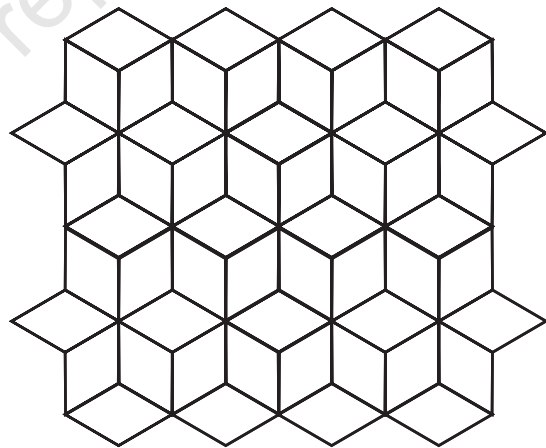
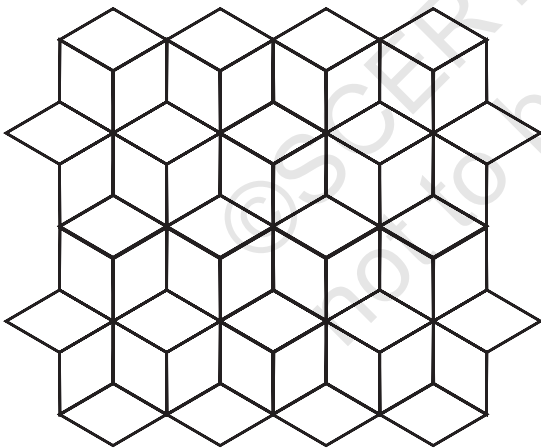
Hemi ziarangah hi chuan step anga a lan theih nan rawng chi thum hman a ni.



Rawng chi hnih hmang chuan pangpar pawl leh pangpar eng lem a lo chhuak daih thei a ni.



Rawng hrang hrang hmangin ziarang dang chhuak turin chei ve rawh le.



Hetiāng pianzia ang deuh hi thil thlum deuh ka hria.



Khitiāng pianziāte khi bangah te, kawrah te, bāwmah te leh chhuatphahah te i hmuh tawh ṭhin em?

## Treasure Hunt

Frank-a leh Julie-i te chu an nuin present pek a tum a; mahse a thukru a, an mahni ngeiin zawng hmu se a ti a ni. An zawn hmuh theih nan kawhhmuhna a siam. Frank-a leh Julie-i te hi i zawnpui thei ang em?

- a) Thing kung sang ber aṭangin zawng ṭan rawh.
- b) Kalkawng inphah chu zawh zel la.
- c) Kawng phah parukna aṭangin vei zawngin inher rawh.
- d) Reilo te i kal hnu chuan i kut ding lamah thlai hnah i hmu ang.
- e) He thlai hnah hnaih bertu naupang te kawr hi chei la.
- f) Chu thlai hnah aṭang chuan kal chhuak leh la.
- g) Tile palinaah chuan vei lam hawiin kal leh rawh.
- h) I kalkawngah chuan tile palina kil chu a hek tih i hmu thei ang.
- i) Tualah chuan cricket bat leh ball lo awm chu i hmu ang. Chhar lovin kal hual ringawt rawh.
- j) Kal zel la ding lamah herin kal chhunzawm rawh.
- k) Theihai kung a lo awm ang a, a rah ṭhenkhatte pawh a hmuh theih a. Chumi kunga theihai rah lo awm zingah 11-te chu rawngin chei rawh.
- l) Chu theihai kung bulah chuan phul lem ziak la, tichuan kalkawng inphahah chuan kal zel rawh.
- m) I kal ngil char char chuan in pakhat i hmu ang.
- n) Chu in hnungah chuan bag pakhat lo awm i hmu ang. Hawng la, thil eng emaw thlum tak i hmu ang! A nuin eng present nge chumi bag-ah chuan a dah i hre thei em?





He treasure hunt hi tihpui ila naupangten hmunhma (space) awmzia an hriat thiamna a tichiang zual ang. He tih tur (task) hian naupangte thil awmna hmun (chung lam, hnuai lam, hma lam, hnung lam), hlat zâwng (hnai, hla), len zâwng (lian, te), kil leh pianhmang a hriat thiamtir ang. Hetiang tih tur (exercise) tam zawk hi tihpui tur a ni.

# 6 Belh leh Paih Hlimawm



0325CH06

## Cricket inkhelh

Cricket inkhelh pakhtah chuan Sri Lankain run 235 an siam a.

India chuan run 123 an siam mek a. Chak zawk turin India hian run eng zat nge a mamawh belh?

India hian chak zawk turin run 236 a siam a ngai a.

India-in chak nan run a mamawh belh zat chu:

$$236 - 123 = ?$$

Ring rawh...  
Chak turin India-in  
(a) run 100 aia a mamawh  
(b) run 100 aia tlêm a mamawh



Pa  $\triangle$  zat chung zawk atangin a hnuai zawka awm zat hi la bo ta phawt ila.

	100	10	$\triangle$																	
Mamawh zat	2	3	6	<table border="1"> <tr> <td>100</td> <td>10</td> <td>10</td> <td><math>\triangle</math></td> <td><math>\triangle</math></td> <td><math>\triangle</math></td> <td><math>\triangle</math></td> <td><math>\triangle</math></td> </tr> <tr> <td>100</td> <td>10</td> <td></td> <td><math>\triangle</math></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	100	10	10	$\triangle$	$\triangle$	$\triangle$	$\triangle$	$\triangle$	100	10		$\triangle$				
100	10	10	$\triangle$	$\triangle$	$\triangle$	$\triangle$	$\triangle$													
100	10		$\triangle$																	
India run siam -	1	2	3																	
Run mamawh	1	1	3																	

Heng hi a bâng...  
100 10  $\triangle$   $\triangle$   $\triangle$

Chak zawk turin India hian run 113 a siam belha a ngai a ni.

## Nangmahin ti ve teh

Liani bag-ah ₹368 a awm a. Lehkhabu lei nan ₹ 123 a hmang then a. A pawisa la bang zawng chu eng zat nge?

Pawisa la bang zawng chu ₹ 368 - ₹123 = ?



Han ring chhin teh...  
Liani bag chungga pawisa la bang chu  
(a) 200 aia tam  
(b) 200 aia tlêh



	100	10	1					
Liani pawisa neih zat	3	6	8	100	10	10	10	1 1 1 1
Lehkhabu man -	1	2	3	100	10	10	10	1 1 1 1
				100				

Hetiang nambar kan paih hian eng nambar zawk nge a chungah ziah tur, eng vang nge tihte nen zirtirtuin naupangte sawipui thin ni se.

## Nuteii hi i pui thei ang em?

Nuteii chu a nuin bazarah thil lei turin a tir a, ₹ 245 a kentir a.

Nuteii chuan giu ₹127 man lei nan a pawisa ken zawng chu a pe a.

Dawr neitupa chuan ₹ 98 a kir a.

Dawr neitupa chuan a kir tur dik tak a kir em?



I han chhût dawn teh ang.

	100	10	1	
Nutei pawisa ken zat	2	4	5	100 10 10 1 1 1 1 1 100 10 10
Giu man -	1	2	7	

Pa 1 hmuna awm 5 atang hian 1 pasarih a paih theih loh a. Chuvangin 10 pakhat kan puk ang.

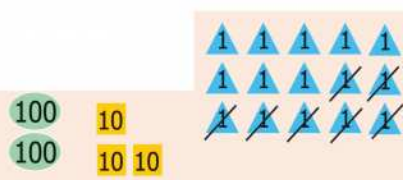
10 chu 1 1 1 1 1 1 1 1 1 1

Tichuan 1 sawm leh panga a lo ni tawh ang.

	100	10	1	
	2	<sup>3</sup> 4	<sup>1</sup> 5	100 10 10 1 1 1 1 1 100 10 10
-	1	2	7	

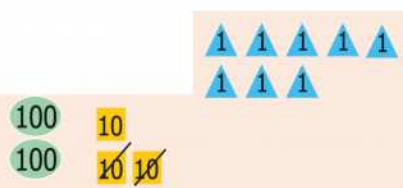


	100	10	1
	2	<del>4</del> <sup>3</sup>	<del>5</del> <sup>1</sup>
-	1	2	7
			8



▲ Sawm leh panga atangin ▲ pasarih kan pah ang a, ▲ pariat a la bang ang.

	100	10	1
	2	<del>4</del> <sup>3</sup>	<del>5</del> <sup>1</sup>
-	1	2	7
		1	8



Sawm 10 hmuna mite kan pah leh chuan 10 pakhat chiah a bang tawh ang.

	100	10	1
	2	<del>4</del> <sup>3</sup>	<del>5</del> <sup>1</sup>
-	1	2	7
	1	1	8



Za 100 hmuna mite kan pah leh chuan 100 pakhat bawh a bang ang.

Tichuan a bang zat dik tak chu...

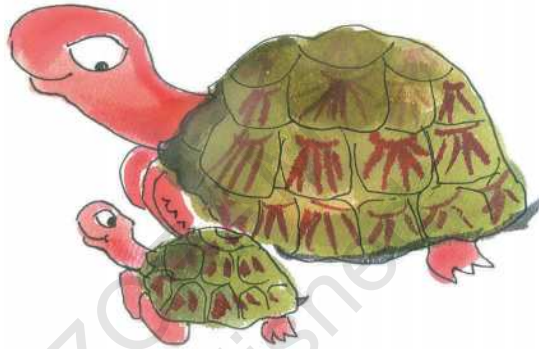
Dawr neitupain a kir tur chu ₹ 118.

Dawr neitupain Nuteii pawisa a kir tur chu eng zat nge ni ta ang?

## I tih ve hun

- Satel notê chu kum 33 a upa a ni a, a pui chu kum 150 a ni.  
 Satel notê chu a pui aiin kum engzatin nge a naupan zawk?  
 Satel pui kum zat: 150  
 Satel notê kum zat: 33

	100	10	1
	1	<del>5</del> <sup>4</sup>	<sup>1</sup> 0
-		3	3
	1	1	7



Satel notê chu a pui aiin kum 117-in a naupang zawk a ni.

- Avena chuan thawnthubu phek 69 a chhiar zo tawh a, Muani chuan phek 95 a chhiar zo thung a. Tuin nge chhiar tam zawk a, eng zatin nge a chhiar tam zawk?



	10	1
	9	5
-	6	9

Heng tih turahte hian naupangten belh tur nge a nih paih tur tih hre thiam turin kaihhruai tur a ni. An tih ve tur zawhna dang siam a, tihtir ni se.

3. Rini chuan an ina electric hman zat a chhinchhiah a. Thla hmasaah chuan unit 118 a ni a, tun thlaah chuan 193 a ni ve thung a. Thla khat chhunga an electric current hman zat han chhut chhuak teh.

Tun thlaa hman zat: \_\_\_\_\_

Thla hmasaa hman zat: \_\_\_\_\_

100	10	1
1	9	3
1	1	8



Rini chuan electric current unit \_\_\_\_\_ a hmang.

4. Khumi chuan kawr ₹ 125 man leh kekawr ₹ 165 man a lei a. A pawisa hman zawng zawng chu engzat nge?

Kawr leina man ₹ \_\_\_\_\_

Kekawr leina man ₹ \_\_\_\_\_

100	10	1
1	6	5
1	2	5



Khumi pawisa hman zawng zawng: ₹ \_\_\_\_\_ .

5. Hengte hi chawk rawh:

$$\begin{array}{r} 17 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 58 \\ \hline \end{array}$$



$$\begin{array}{r} 139 \\ - 110 \\ \hline \end{array}$$

$$\begin{array}{r} 237 \\ + 213 \\ \hline \end{array}$$

$$\begin{array}{r} 325 \\ - 204 \\ \hline \end{array}$$

$$\begin{array}{r} 474 \\ - 136 \\ \hline \end{array}$$

$$\begin{array}{r} 642 \\ - 413 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 135 \\ + 146 \\ \hline \end{array}$$

6. A dikna han finfiah teh:

$$\begin{array}{r} 236 \\ - 114 \\ \hline 122 \end{array} \quad \rightarrow \quad \begin{array}{r} 122 \\ + 114 \\ \hline 236 \end{array}$$

$$\begin{array}{r} 340 \\ - 28 \\ \hline 312 \end{array} \quad \rightarrow \quad \begin{array}{r} 312 \\ + 28 \\ \hline 340 \end{array}$$





Ramin belh hmanga paih a chawh chhuah dan hi han en teh. A chawh dik chuan thai (✓) zel ang che.

$$\begin{array}{r} 384 \\ - 243 \\ \hline 141 \end{array}$$

$$\begin{array}{r} 141 \\ + 243 \\ \hline 384 \end{array}$$

$$\begin{array}{r} 468 \\ - 139 \\ \hline 221 \end{array}$$

$$\begin{array}{r} \phantom{000} \\ + \phantom{000} \\ \hline \phantom{000} \end{array}$$



$$\begin{array}{r} 356 \\ - 247 \\ \hline 119 \end{array}$$

$$\begin{array}{r} \phantom{000} \\ + \phantom{000} \\ \hline \phantom{000} \end{array}$$

$$\begin{array}{r} 468 \\ - 139 \\ \hline 221 \end{array}$$

$$\begin{array}{r} \phantom{000} \\ + \phantom{000} \\ \hline \phantom{000} \end{array}$$



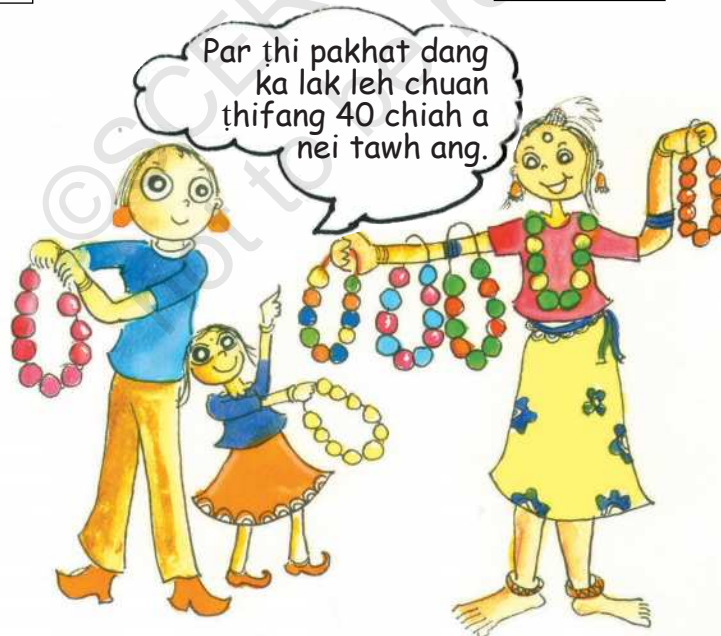
7. A hnuai a bawm ruakte hi dah khat rawh.

$$\begin{array}{r} 78 \\ - 3 \phantom{0} \\ \hline \phantom{00} 5 \end{array}$$

$$\begin{array}{r} 21 \phantom{0} \\ - 1 \phantom{0} 7 \\ \hline \phantom{00} 32 \end{array}$$

$$\begin{array}{r} \phantom{00} 6 \\ - 3 \phantom{0} \\ \hline 60 \end{array}$$

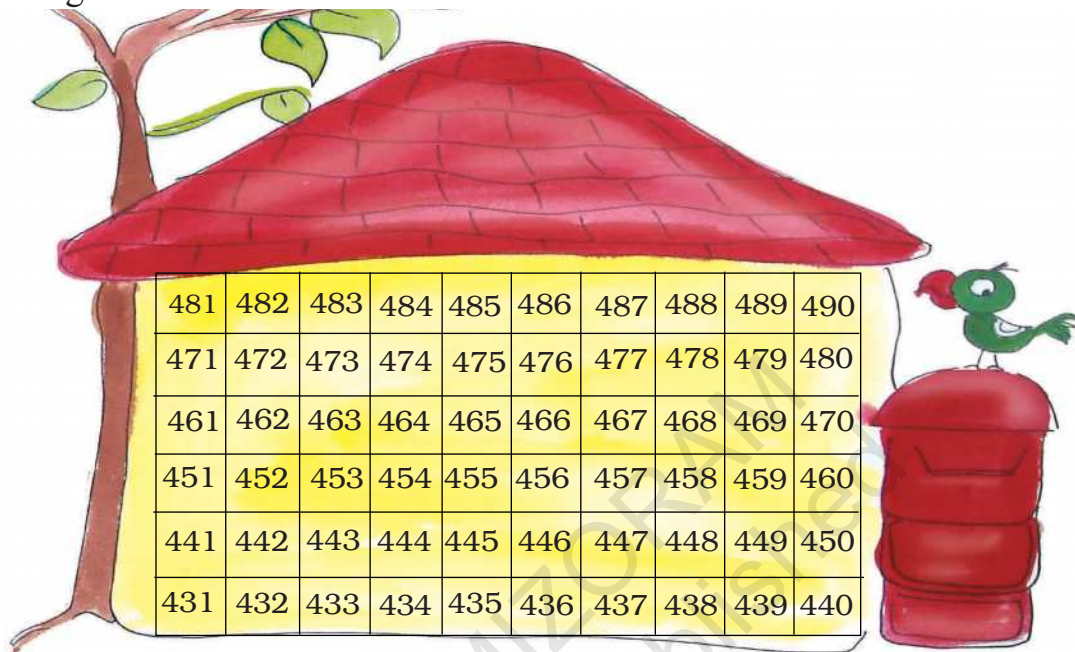
$$\begin{array}{r} \phantom{00} 44 \\ - 238 \\ \hline 2 \phantom{00} \end{array}$$



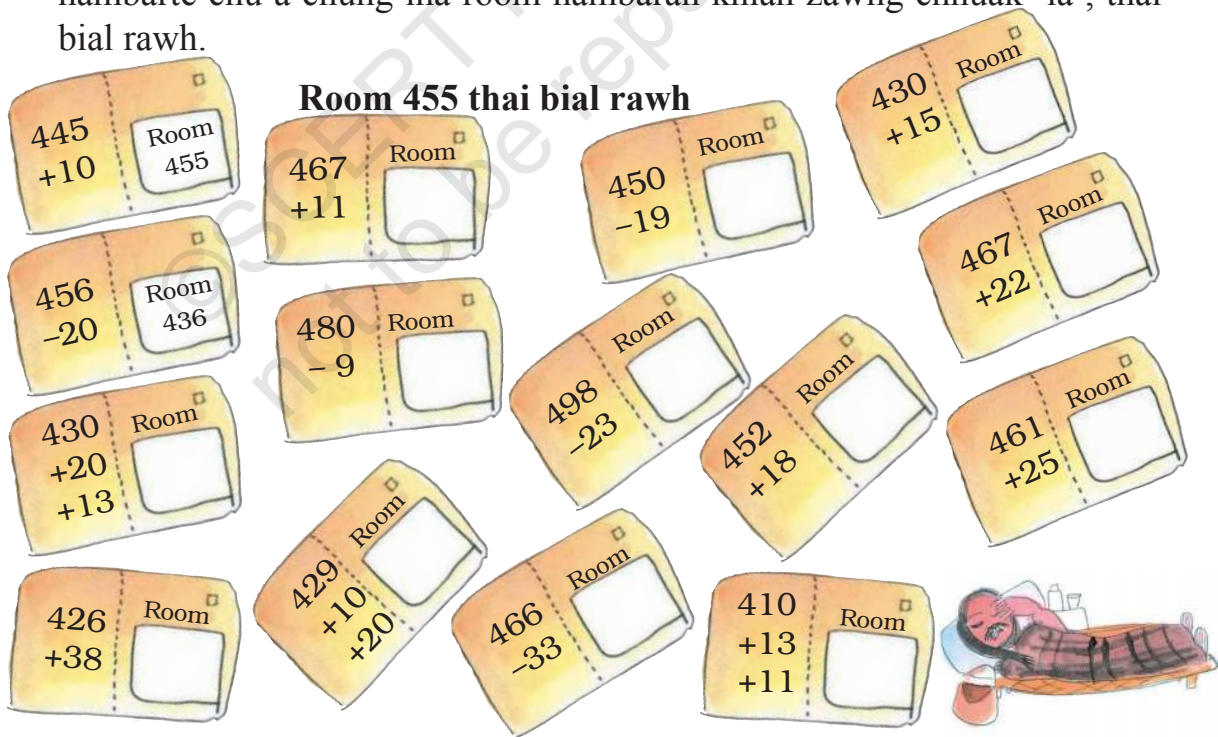
Naupangte tihphur nan chhanna awmte chu anmahni tihdiktir ang che. Naupangte hian thiante tanpui leh an tihdik loh tihdiksak hi nuam an ti a. Tin, hetiang atang hian anmahniin an inzir thiam bawk thin.

## Lehkha thawn i sem ang aw ..

Vawin chu dâk pu a damlo tlat mai a. Lehkathawn i sem chhuahsak ang u hmiang.



Lehkha pênka tur room nambarte hi chhut chhuak la, i chhût chhuah nambarte chu a chung ina room nambarah khian zawng chhuak la , thai bial rawh.

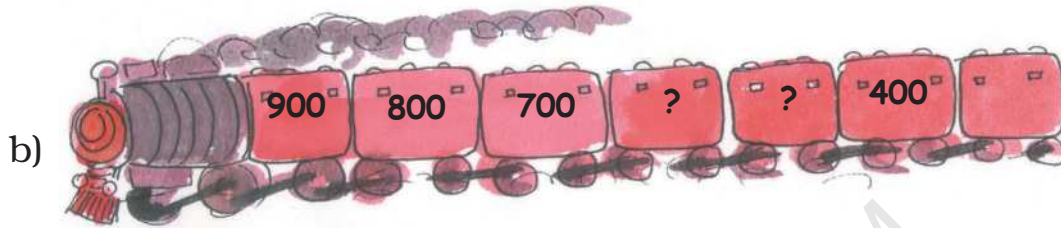


A chung a chawh chhuah turte khi naupangten an rilruin chhut chhuak se.

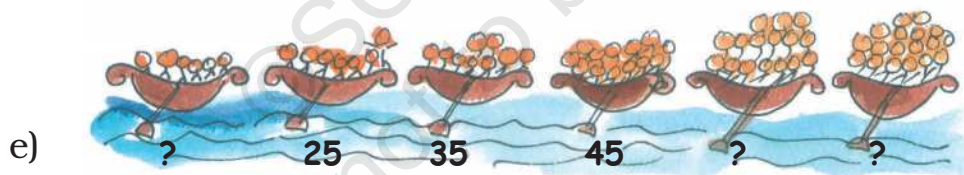
## Nambar kim lo zawn chhuah

A hnuai a nambar kalphung neia in rem khâwmte hi enla, a milpui turin a kim lote hi tikim rawh.

a) 100, 200, 300, \_\_\_\_\_, \_\_\_\_\_, 600, \_\_\_\_\_



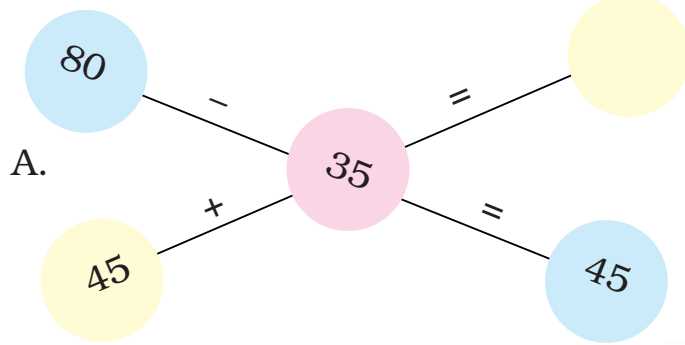
c) 50, 100, 150, 200, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



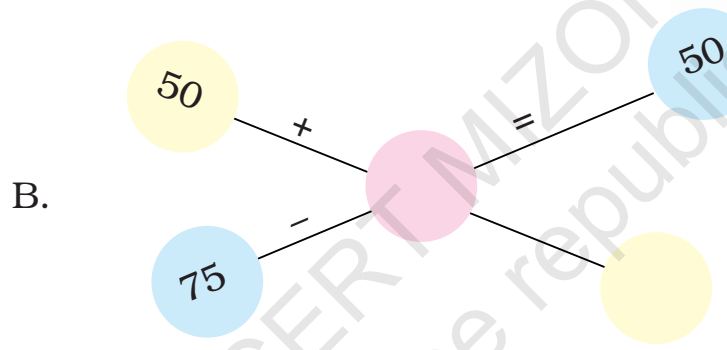
f) 280, 260, 240, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

g) 125, 150, 175, 200, \_\_\_\_\_, 250, \_\_\_\_\_, \_\_\_\_\_

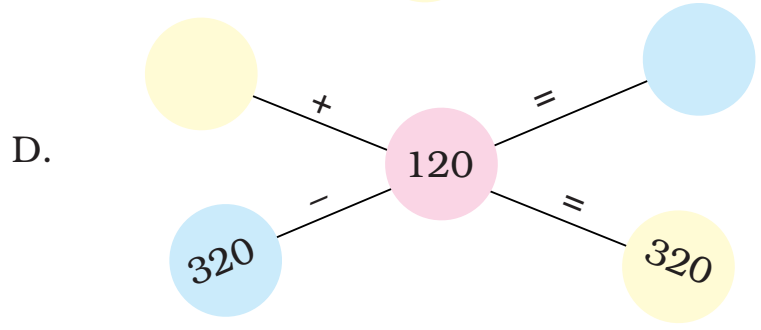
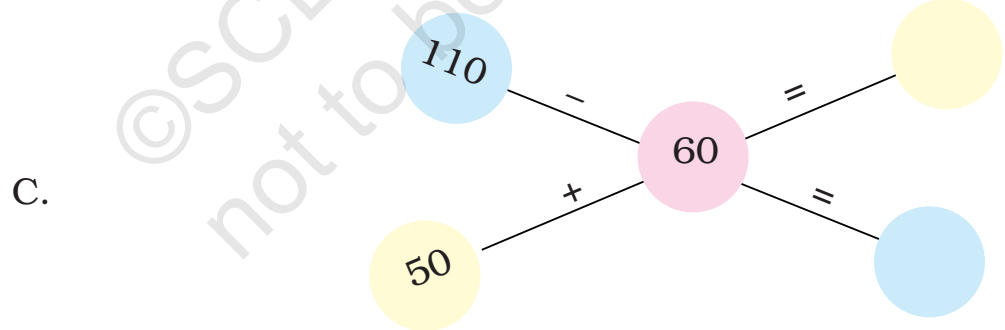
# Rilru chhiarkawp



45 + 35?  
45 + 30 + 5?



80 - 30 - 5  
= 50 - 5  
= 45





**Chawk rawh:**



1. Mami pencil chu 15 cm a sei a ni a, Julie pencil chu 8 cm a sei a ni. Tu pencil nge sei zawk a, centimetre eng zatin nge a sei zawk?

2. I nu emaw i pa emaw hnenah heng mante hi zawt teh?

Chi Kg \_\_\_\_\_

Chini 1 Kg \_\_\_\_\_

Eng nge to zawk? Engzatin nge a to zawk?

3. Ajay-a chuan paratha chu minute 25 chhungin a kang zo thei a, dal pawh minute 15 chhungin a kang zo leh a. A hun hman zawng zawng chu engtia rei nge?



4. Chali chuan kawrlum a zuar a, ni 2 chhungin kawrlum sen, a pawl leh a dum a hralh a.

	<i>sen</i>	<i>pawl</i>	<i>dum</i>
Ni 1-naa kawrlum hralh zat	38	66	74
Ni 2-naa kawrlum hralh zat	40	23	89

A chung a mi en chungin heng zawhnate hi chhang ang che.

(a) Ni 2 chhungin Chali hian kawrlum dum eng zat nge a hralh?

(b) Ni 2 chhung hian kawrlum pawl aiin kawrlum sen a hralh tam zawk em?

(c) Ni 1 naah hian kawrlum sen leh kawrlum dum eng zat nge a hralh? 120 aiin a tam nge a tlem?

A dik zawnah thai rawh.

120 aia tam

120 aia tlem

(d) Ni 2 naa a kawrlum hralh zawng zawng hi eng zat nge? 140 aiin a tam nge a tlem? A dik zawnah thai leh rawh.

140 aiin a tam

140 aiin a tlem

5. *Sangteii hian a sawi dik em?*

Sangteii chu a pu nen bazarah an kal a.



Thil man in ziate chu a pu hnenah heti hian a hrih a —

(a) Giu chu chhang aiin ₹ 102 in a to zawk.

(b) Tel leh giu man belhkhawm chu ₹ 200 aiin a tam.

(c) Giu man leh buhfai kg.10 man chu ₹ 300 aiin a tlem.

(d) Chhang aiin tel chu ₹ 40 laiin a to zawk.

Sangteii hian a sawi dik em? A dik chuan (✓) thai la, a dik oh chuan (×) thai rawh.

Hengte hi lehkhabu a chawk chhuak kher lovin i chhût chhuak thei em?

## Thawnthu atanga zawhna siam

Neihi leh Sawma chuan thawnthu an phuah a. Neih chuan class pakhatat mipa naupang 13 leh hmeichhe naupang 14 an awm a ti a. Sawma, chumi hmang chuan zawhna i siam thei ang em?

Sawma chuan heti hian zawhna a siam ta a:

Class pakhatat mipa naupang 13 leh hmeichhe naupang 14 an awm a. An vaiin eng zat nge an nih?

Nangni pawhin a chungam i ang hian thawnthu phuah vein, chumi hmang chuan zawhna hrang hrang in siam ve thei ang. A hnuaiam milem hmang hian zawhna ngaihtuah chhuak ula, han chhut ve teh ule.

A. Mipa 36 leh hmeichhia 52 te hi vote thlak turin an intlar a.



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B. Chaw chhun ei nan minute 20 kan hmgang a, chumi hnuah minute 15 kan infiam leh a.



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C. Post Office chu Saia-te in atang chuan kilometre 1 a ni a, sikul atang erawh chuan kilometre 2 a ni ve thung a.



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D. Buanga chuan lehkhabu 27 a chhiar zo tawh a, Biaki chuan lehkhabu 34 a chhiar zo bawk.



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## Paih awlsam dan (chhiar zawmin)

Dawngi chuan balhla doz. 4 (48) a lei a, a thiante chu pakhat theuhvin a sem hnuah 13 a la bang a. A thiante balhla dawng zawng zawng chu eng zat nge an nih?

13 atanga chhiar tanin a dikna chu awlsam takin a hriat theih a, mahse 10 bi zela zuang hian a awlsam zawk a, Kittu-an phêk 27-a a tar lan tawh hmang pawh khan awlsam takin kan chhût thei bawk a ni.

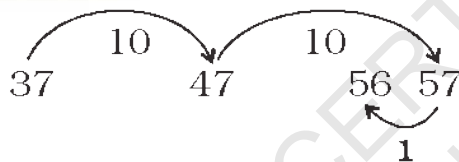
$$48 - 13$$



$$10 + 10 + 10 + 5 = \underline{35}$$

$$\text{Tichuan } 48 - 13 = \boxed{35}$$

A.  $56 - 37 = \boxed{?}$



$$10 + 10 - 1 = \underline{\quad}$$

$$\text{Tichuan } 56 - 37 = \boxed{\quad}$$

B.  $60 - 45 = ?$

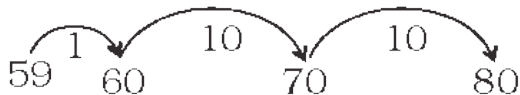


$$5 + 10 = \underline{\quad}$$

$$\text{Tichuan } 60 - 45 = \boxed{\quad}$$



C.  $80 - 59$



$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \boxed{\quad}$$

$$\text{Tichuan } 80 - 59 = \boxed{\quad}$$

D.  $85 - 63 = \boxed{\quad}$

E.  $84 - 69 = \boxed{\quad}$

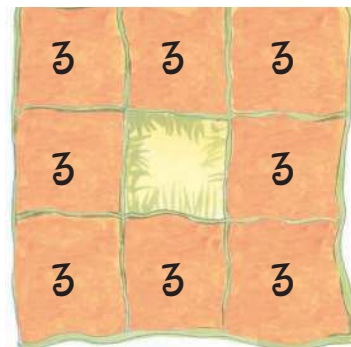
F.  $60 - 20 = \boxed{\quad}$

G.  $90 - 50 = \boxed{\quad}$

### Sakawr ngainatu lal...

Lal pakhat hi a awm a, nambar 9-na thleng chiah a chhiar thiam a. Nang nambar eng zatna thleng nge i chhiar theih?

Chu lal chuan sakawr hi a ngaina em em a, mahse an zavaiin eng zat nge an nih tih a chhiar thiam lo va. Tichuan, kil tinah a chhiar thiam theih ang zel turin a dah hrang thliah thliah ta a.



Lal sakawr zawng zawng chu eng zat nge? \_\_\_\_\_

Ni khat chu a inlêng pakhat hian sakawr 4 hi a rawn kai a, khua a thim tawh em avang chuan lal inah chuan a riak ve ta a. Mahse lal sakawr pu chuan a puin sakawr dang an awm ve tih a hriat chuan a thinrim hle tur thu chu lal mikhual pa chu a hrih ta a. Tichuan mikhual pa chuan an lal hriat lohva thil tih dan chu a ngaihtuah ta a. A hnuaia milem ang hian sakawrte chu a rem ta a:

2	5	2
5		5
2	5	2

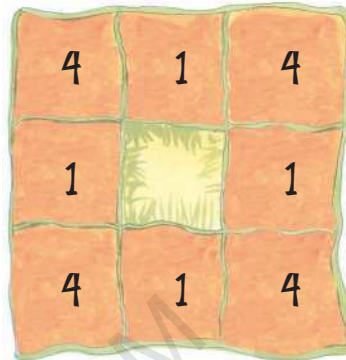
Sakawr zawng zawngte chu an zavaiin eng zat nge an nih tâk ang? \_\_\_\_\_



Zanah chuan lal chu a sakawrte chhiar turin a lo kal leh ta a. A sir tin a sakawr 9 chu a chhiar zawh chuan mu turin hlim tak in a chhuahsan leh ta a ni.

Zingah chuan chu a mikhual fing zet mai chuan ama sakawr 4 te chu a la chhuak a, lal sakawr thenkhat chu ruksakin an din dan chu hetiang hian a tidanglam leh ta a.

Tichuan, lal mâwl tak chuan a sakawrte an kim lo tih pawh chu a hre chhuak thei lo. Lal sakawr bo zatte chu i zawn chhuahsak thei ang em ?



Sakawr eng zat nge la awm? \_\_\_\_\_

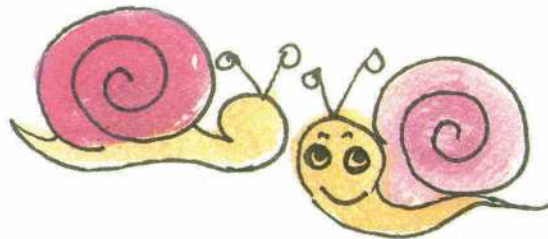
Lal sakawr eng zat nge kim lo? \_\_\_\_\_

(Tamil thawnthu "numeracy counts" tih bu atanga siam a ni.)



PUZZLE

Eng nambar nge kan nih?  
 Kan pahniha min belh chuan 100 a chhuak a.  
 Kan inthlahna pawh 100 tho a ni.







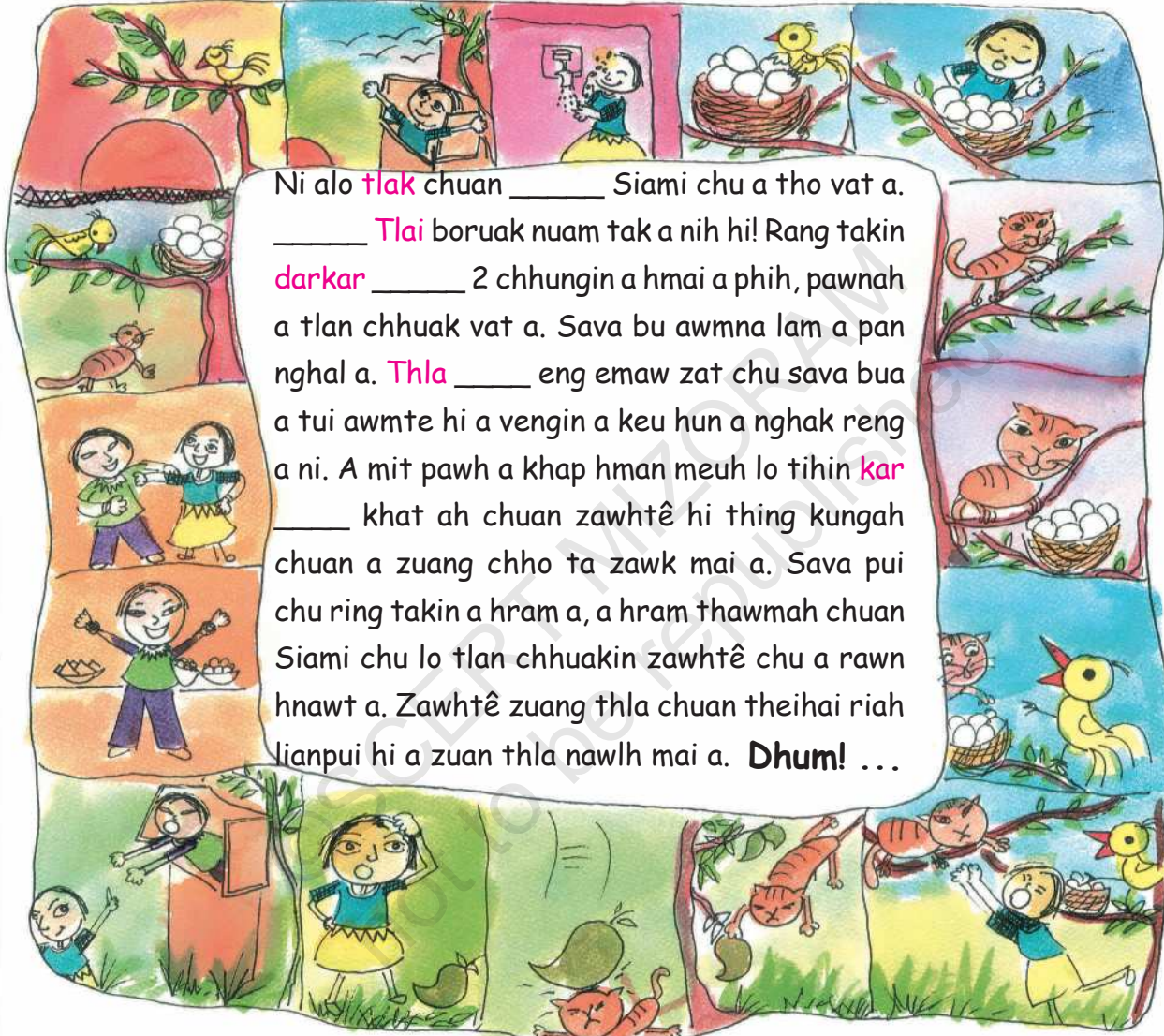
# 7

## Hun a Kal Muah Muah..



0325CH07

Hun chingchivê — He thawnthuah hian hun hi a insaikalh nuai mai.



Ni alo **tlak** chuan \_\_\_\_\_ Siami chu a tho vat a. \_\_\_\_\_ **Tlai** boruak nuam tak a nih hi! Rang takin **darkar** \_\_\_\_\_ 2 chhungin a hmai a pih, pawnah a tlan chhuak vat a. Sava bu awmna lam a pan nghal a. **Thla** \_\_\_\_\_ eng emaw zat chu sava bua a tui awmte hi a vengin a keu hun a nghak reng a ni. A mit pawh a khap hman meuh lo tihin **kar** \_\_\_\_\_ khat ah chuan zawhtê hi thing kungah chuan a zuang chho ta zawk mai a. Sava pui chu ring takin a hram a, a hram thawmah chuan Siami chu lo tlan chhuakin zawhtê chu a rawn hnawt a. Zawhtê zuang thla chuan theihai riah lianpui hi a zuan thla nawlh mai a. **Dhum!** ...

Ni hnih \_\_\_\_\_ lekah lei a thleng a nih chu! A va ropui em! Theihai chu hmin pawh a hmin hman lo a ni. Thlum taka rah tur chuan **kum khat** \_\_\_\_\_ dang a mamawh belh dawn a ni. Chutih lai chuan Siami chu a uin a rawn ko va, "I ril a tam na nge? I pum a muhil ta em ni? Lo kal la **zanriah** hi rawn ei rawh \_\_\_\_\_."





A ho mai mai kan ti em? Hawrawp rawng danga inziakte hi a dik lo emaw kan ti mai thei a. A hnuai a bawma thumalte hman ang hian dik lo nia i hriat thlak rawh.

ni	nichhuak	second	zing
chaw chhun	rei lo tē	minute	chawlhkar

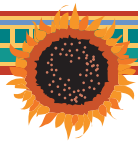
### Engtia rei nge ni ang?

Kawrlum phiar lai emaw puan tah lai emaw i hmu tawh em? Kawrlum phiartuin kawrlum pakhat siam turin eng tia rei nge hun a duh tih han zawt chhin teh. A nih leh darkar / minute eng zata rei nge i inbual thin le! (Kum tam tak kal taah zawk khan em ni i inbual tawh? Haha .. !) Hun hman rei zawng teh theih chi thil hrang hrang ngaihtuah la, a hnuai a bawm siam ang hian han siam ve teh .



<i>A reizâwng minute a sawi chi</i>	<i>A reizâwng darkar a sawi chi</i>	<i>A reizâwng ni-a sawi chi</i>
inbual chhûng	kawr thui chhûng	kawrlum phiar chhûng
bawnghnute tihso chhûng	dhoi siam chhûng	puan tah chhûng
	sikul kal chhûng	balhla hmin hun chhûng





Hun tawi leh zual leh rei leh zual duh chi i han ngaihtuah zawm teh ang.

*Second-a sawi chi*

mit khap kar

damdawi lem chhûng



a kung a tanga thei rah a tlak chhûng

*Thlaa sawi chi*

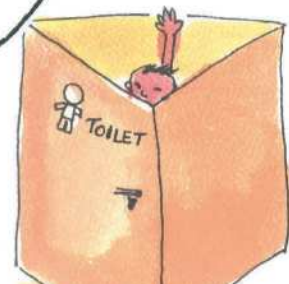
buh tuh a tanga a puitlin thleng

nipui a tanga thlasik thleng

nuin nau a pai chhûng



He tiang hi chuan  
minute rei lo tē  
bak a mamawh  
lo asin.







## I man hma chu kut beng rawh

*Heti hian infiam teh u.*

Lungtê pakhat vâ lamah vawr chho la.  
I man hmain i kut vawi khat bêng rawh  
le.

Vawrh leh la vawi hnih bêng rawh.

Chutiang tho chuan lungtê chu vawr  
chho leh la, a aia tam zel kut ben tum  
la, lungtê i man leh hma chuan vawi  
eng zat nge i ben theih ang?

### *Ta Thai — Kut ben dan chi dang*

Vawi hnih kut beng la, 1 2 tiin au zel  
rawh . Beng zel la 1 2; 1 2; 1 2 ... emaw

*Ta Thai, Ta Thai, Ta Thai* .... emaw ti pah zel la .

I ke ding leh vei per pah bawk rawh.

A dawt lehah chuan vuak thum 1 2 3, 1 2 3, 1 2 3 ... a bêngin chumi pah chuan  
*Ta Thai Tut, Ta Thai Tut, Ta Thai Tut* ... tiin au zel rawh . Chumi rual chuan  
Ding Vei Ding, Ding Vei Ding, Ding Vei Ding tiin i ke i lo pên thei ang em?  
Hetiang hian in zingah mi eng zatin nge ti thei ang?



## Zawng chhuak rawh



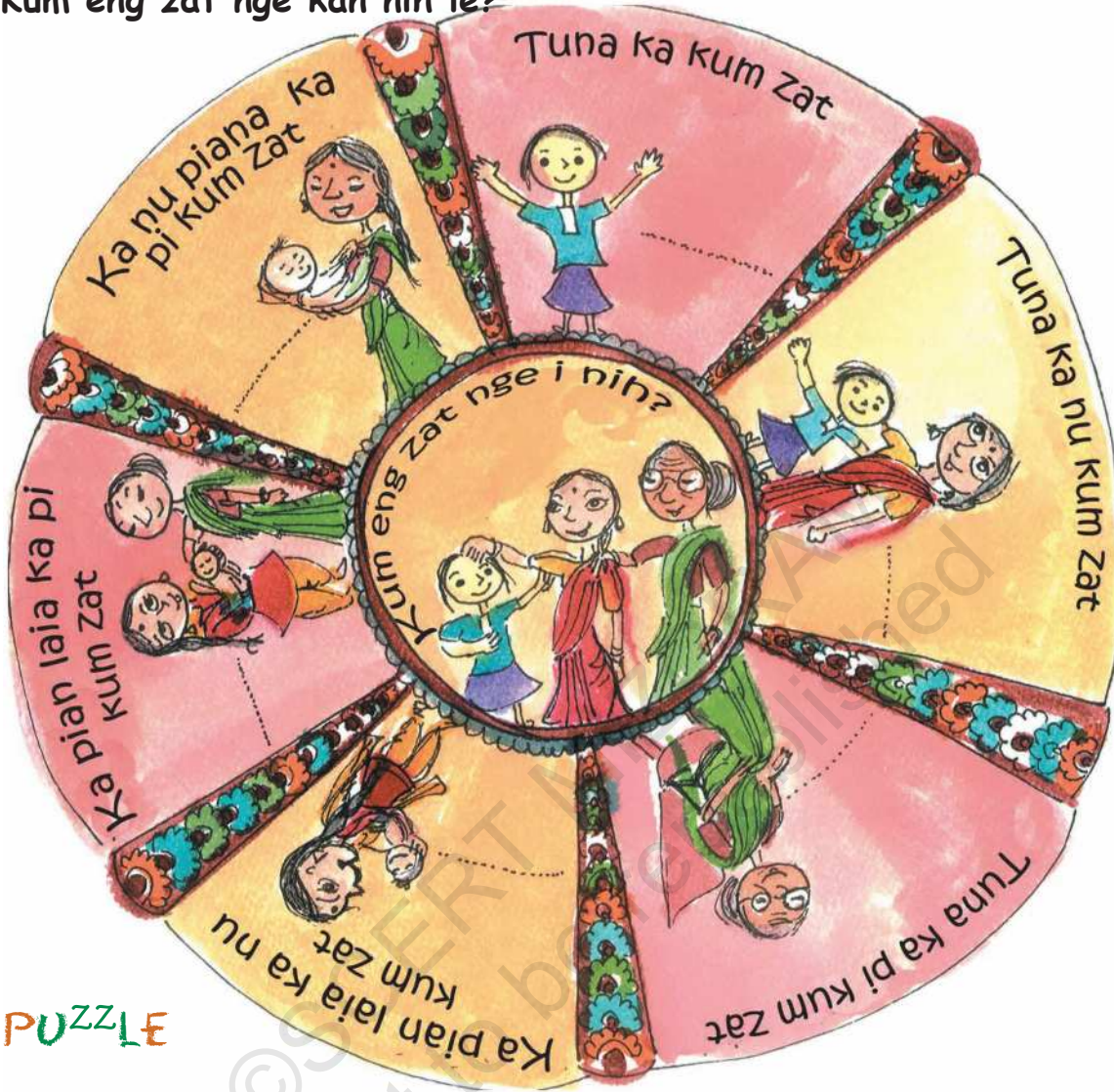
Khuang vaw ri hi kan hre ɬang hle a. Eng beat-in nge an ben rik ɬin tih  
leh an ben ri chuan thil eng emaw sawi a nei em tih han ngaihtuah teh u.







Kum eng zat nge kan nih le?

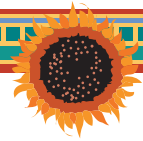


PUZZLE

Isaka nu kum zat chu Isaka kum let hnih a ni.  
 Isaka aiin kum 20-in a upa zawk bawk.  
 An kum zat han chhût chhuak teh.

I pian tirh ata  
 thla hi vawi eng  
 zat nge a bial  
 tawh ang le?





## Birth Certificate

Lalmangaihi birth certificate hi en la.

**GOVERNMENT OF MIZORAM**  
**DEPARTMENT OF ECONOMICS AND STATISTICS**  
**BIRTH CERTIFICATE**  
 (Issued under Section 12/17)

This is to certify that the following information has been taken from the original record of birth which is in the register for (local area) Chaltlang of R.D Block Tlangnuam of district Aizawl of State, Mizoram.  
 Name Lalmangaihi  
 Date of Birth 02/05/2002 Sex FEMALE  
 Place of Birth Chaltlang, Aizawl  
 Name of Father Lalnunmawia  
 Name of Mother Lalhmingthangi  
 Registration D-63 Date of Registration 11/6/2004

Signature of Issuing Authority  
 of Births and Deaths  
Chaltlang  
Mizoram



- 1) 2/5/2002 tih hian Lalmangaihi chu ni 2 \_\_\_\_\_ thlaah, kum 2002-ah a piang tih a entir.
- 2) 2 May 2008-ah Lalmangaihi chu kum eng zat nge a nih ang? \_\_\_\_\_
- 3) Kum 2052-ah kum eng zata upa nge a nih ang? \_\_\_\_\_
- 4) Ni eng zatah nge kum riat a tlin? A nambarin ziaak rawh. \_\_\_\_\_







- 5) August 2002 ah hian Lalhmangaihi chu thla engzata upa nge a nih?  
\_\_\_\_\_
- 6) Lalhmangaihi chu tunah hian kum eng zat chiah nge a nih? \_\_\_\_\_
- 7) A pian hnu atanga thla eng zatnaah nge he certificate hi siam anih?  
\_\_\_\_\_
- 8) A certificate registration nambar hi eng nge? \_\_\_\_\_

**Zawng rawh**

Eng tikah nge i pian? \_\_\_\_\_

I pian ni leh kum chu nambarin ziaak rawh. \_\_\_\_\_

Birth certificate i nei em? I nu leh pate hnenah zawt la.

A hnuai form hmang hian i birth certificate han siam teh.

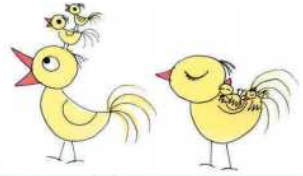
**GOVERNMENT OF MIZORAM**  
**DEPARTMENT OF ECONOMICS AND STATISTICS**  
**BIRTH CERTIFICATE**  
 (Issued under Section 12/17)

This is to certify that the following information has been taken from the original record of birth which is in the register for (local area) \_\_\_\_\_ of R.D Block \_\_\_\_\_ of district \_\_\_\_\_ of State, Mizoram.

Name \_\_\_\_\_  
 Date of Birth \_\_\_\_\_ Sex \_\_\_\_\_  
 Place of Birth \_\_\_\_\_  
 Name of Father \_\_\_\_\_  
 Name of Mother \_\_\_\_\_  
 Registration \_\_\_\_\_ Date of Registration \_\_\_\_\_

Signature of Issuing Authority  
 of Births and Deaths  
 \_\_\_\_\_  
 Mizoram





# CALENDAR 2018

## JANUARY

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## FEBRUARY

Mo	Tu	We	Th	Fr	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

## MARCH

Mo	Tu	We	Th	Fr	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

## APRIL

Mo	Tu	We	Th	Fr	Sa	Su
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

## MAY

Mo	Tu	We	Th	Fr	Sa	Su
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

## JUNE

Mo	Tu	We	Th	Fr	Sa	Su
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

## JULY

Mo	Tu	We	Th	Fr	Sa	Su
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

## AUGUST

Mo	Tu	We	Th	Fr	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

## SEPTEMBER

Mo	Tu	We	Th	Fr	Sa	Su
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

## OCTOBER

Mo	Tu	We	Th	Fr	Sa	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## NOVEMBER

Mo	Tu	We	Th	Fr	Sa	Su
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

## DECEMBER

Mo	Tu	We	Th	Fr	Sa	Su
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						







## Calendar

Kum 2018 calendar hi i lo thlir tlang ang u.

\* Calendar-ah thla eng zat nge awm? \_\_\_\_\_

\* Thla khata ni 30 nei zat zawng ziak rawh. \_\_\_\_\_

\* Thla khata ni 31 nei zawng ziak chhuak rawh. \_\_\_\_\_

\* February thla hian ni eng zat nge a neih? \_\_\_\_\_

\* Ni eng zatin nge kar khat siam? \_\_\_\_\_

\* July thlaah kar eng zat nge awm? \_\_\_\_\_ Thla dang zawng  
zawngte hian hetiang zat hi an nei ve tho em? \_\_\_\_\_

\* Eng thlaah nge Pawl III i nih tan? \_\_\_\_\_

\* Heng nite hi calendar ah thai bial rawh:

26th January

14th November

31st December.



Heng nite hian eng nge danglamna an neih le?

Kumin hi 2018 ni se la, Pawl III i zir mek ni bawk se la.

Heng kumte hian a hnuai a awlte hi dah khat rawh:

2017	2020	2019	2016	2021	2022
------	------	------	------	------	------

1. A kum hmasa kha eng kum nge? \_\_\_\_\_

2. Eng kumah nge Pawl II i nih? \_\_\_\_\_

3. A nakum hi eng kum nge ni ang? \_\_\_\_\_

4. Kum 3 lo awm tur hi eng kum nge ni ang? \_\_\_\_\_

He zirlai hian naupangte hun an hrnan dan leh hun kal dan a zirtir a. Teh/chhût kher lova second, minute leh thla, etc. te rei zawng an chhut thiam a pawimawh a. He zirlai hian tih tur tih chakawm tak tak hmangin sana leh calendar en dan a zirtir a. Nambar kalphung leh a inrem dan zirna tih tur tam zawk zirtirtuin siamsak tur ani.





## Eng hunpui nge hmasa ber?

A hnuaia tar lante hi hunpui kan lawm thinte an ni a. Eng niah ber nge heng hunte hi an awm tih kumin calendar atang hian zawng rawh .



<i>Festival Hming</i>	<i>Date</i>	<i>Day</i>
Diwali	October 21	
Republic Day	January 26	
Independence Day	August 15	
Gandhi Jayanti	October 2	
New Year	January 1	
Idul-I Fitr	October 23	
Teacher's Day	September 5	
Mizoram State Day	February 20	
Christmas Day	December 25	

\* A chungah hunpuite khi kan lawm hun indawtin dah rawh:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

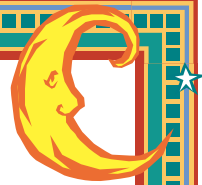
\* Eng hunpui hi nge kum tirah an lawm thih?

\_\_\_\_\_

\* Eng hunpui hi nge kum tawpah an lawm thih?

\_\_\_\_\_





## Calendar Magic

A hnuai Calendar hi February, 2019 a mi a ni a. He Calendar-ah hian Square hmangin magic i lo en ang u.

### February 2019

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		



Square chhungah hian eng nambar hi nge a lai taka awm? \_\_\_\_\_

Nambar lai tak kaltlangin nambar pathumte chu rin zawm rawh.

Chutiang line chu eng zat nge i siam theih?

5	6	7
12	13	14
19	20	21

Nambar pathum hmanga line i rin te i belh khawm chuan engnge i hmuh?



$$5 + 13 + 21 =$$

$$6 + 13 + 20 =$$

$$19 + 13 + 7 =$$

$$12 + 13 + 14 =$$

\* Kum 2015 calendar ah tun thla i hman m êk ang hi en la chumi hmang chuan a chung square ang hi i lehkhabu ah han siam ve teh. Magic a lo chhuak ve em?

\* He magic hi  $10 \times 10$  chart-ah a siam theih ang em? Nambar Hlimawm (chapter 2) ah en la, tih han tum chhin teh .





# Magic dang!



March 2019

S	M	T	W	T	F	S
31					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

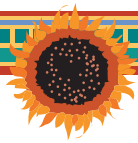


He magic hi tlar khata nambâr panga awmna dangah a tih theih tho em, han en chhin teh. Nambâr a âwn zawng a tlarah he magic hi a tih theih em le? He magic hi i chhungte leh thiante nen ti chhin ve teh u.

He calendar-ah hian magic dang a la awm thei ang em?

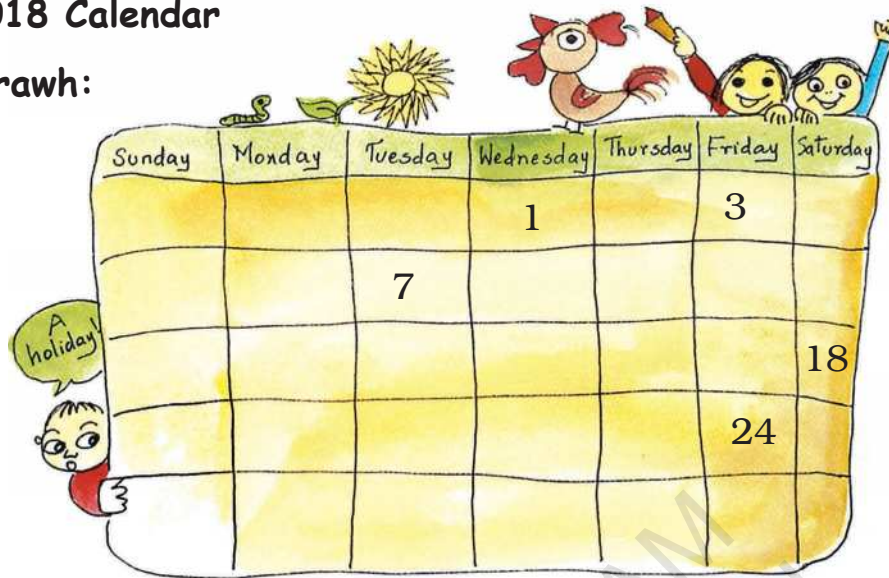






# August 2018 Calendar

hi tikhat rawh:



Sunday zawng zawng a senin chei rawh.

Eng niin nge thla hi a tawp?\_\_\_\_\_

He thlaah hian ni eng zat nge awm ziaak rawh. \_\_\_\_\_

August 13 hi eng ni nge?\_\_\_\_\_

Saturday vawi hnihna hi ni eng zat nge?\_\_\_\_\_

Ni 21 hi Sunday a ni em?\_\_\_\_\_

Ni 29 hi eng ni nge? Hemi ni hi a karleh chiahah ni eng zat nge a nih ang?  
\_\_\_\_\_

Hemi thla chung hian Thursday eng zat nge awm?\_\_\_\_\_

## Zawng chhuak rawh!

2018 calendar-ah hian eng thlate hian nge Sunday vawi 5 nei? Sunday ni lo ni dang thla khata vawi 5 awm a awm em? Thla khatah Sunday vawi 6 a awm thei em? Eng nge a chhan?

Hetieng hian tun thla chungchang leh thla dang chungchang pawh zawh tur a ni. Naupangte chuan calendar hmanga pattern dang pawh zir chhuak turin fuih ni se.





## Peki Chanchin



### Ka hun tawnte

Ka hming chu Peki a ni a. Kum 5 mi ka nih laiin ka ke hi ka ti tliak a, chuang chuan sikul pawh ka kal ve thei lo a ni. Nikhat chu serthlum lawh tumin a kungah ka lawn a, a zar chu a tliak ta hlauh mai a, ka tla ta a ni. Tun thleng hian thlasikah chuan ka ke hi a la na thin a ni.

Kum 10 ka nihin khaw dangah kan pem a, kan khaw hlui chu ka ngai thei hle. Kum 20 ka nihin pasal ka nei a. Ka pasal nen chuan kan inneih atanga kum 3-ah fanu kan nei a, chumi hnu chuan fa dang pathum kum 25, 28, 31 ka nihin ka nei leh a ni.

In lamah leh lo lamah hna thawkin ka buai thei em em a. Vanduaithlak takin ka pasal chuan kum 38 ka nihin min boral san a. Ka pasal boral atanga kum 2-naah lehkha ka zir tha leh ta a. Kum 45 ka nihin ziak leh chhiar ka thiam ve ta a ni. Tunah chuan kum 50 mi ka ni a, ka tute nen hlim takin kan awm a ni.



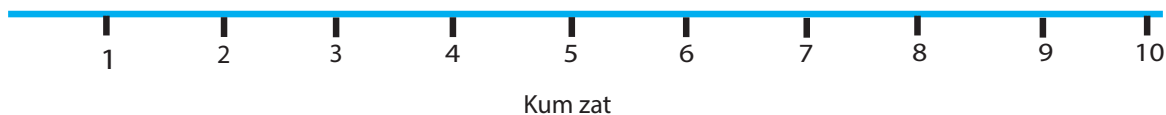


Peki hun tawnte kha a hnuaiah hian tar lan a ni a. Eng tik laia a tawn nge tih time line awmah hian an nambar ziak rawh. Entir nan, kum 5 a nih chuan Peki khan a ke a tihltiah avangin 5 zawnah hian A ziah a ni.

- A. A ke a tihltiah hun
- B. Khaw danga pem hun
- C. Pasal a neih
- D. A fa palina a neih
- E. Lehkha a zir
- F. Ziak leh chhiar a thiam
- G. A tute nen hlim taka an awm



- \* Time line ah khian Peki pian hun chhinchhiah rawh.
- \* Bâwm ruakah khian Peki nausen a nih lai lem ziak rawh.
- \* A hnuaia time line-a kum zat tar lan ang i nih laia i chungah thil thleng pakhat tal ziak ve rawh. I nu leh pa te, i u te i zawt dawn nia.



- \* In chhungkuaa mi emaw, i thiante zinga mi emaw, zirtirtute zinga mi emaw, i mi ngaihsan deuh te hun tawn tar lanna time line siam ve rawh le.



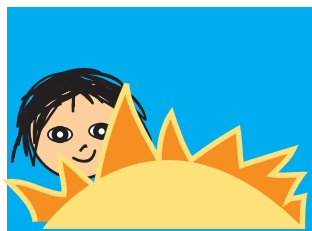


# Kimi ni khat hun hman dan

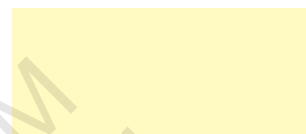
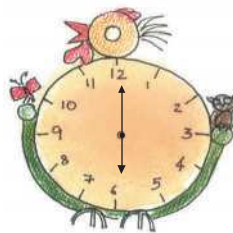
Ni khata Kimi thil tihte hi thlir ho ila.

Milema sanate en hian a dar zat ziak rawh.

Milem thenkhatah hian a hun a inziak sa a, sana hi dar zat inziak sa ang kawhtir ang che. Sana dar zat inkawk sa zawnah hian a hun i ziak dawn nia.



Kimi chu zing takah a tho thin a.



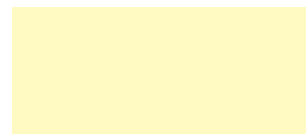
Tui khura tui a chawi thin a.



Zing dâr ruk leh a chanveah



In chung a tifai a.



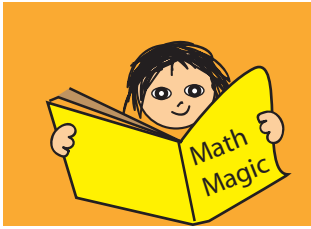
Sikul a kal a.



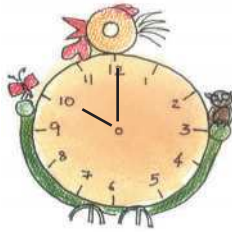
Dâr riatah







Sikul-ah lehkha a zir



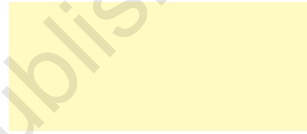
Sikul atangin a haw  
a.



Chawhnu dâr khat



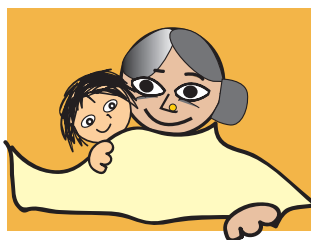
A unaute leh a pite nen chaw  
chhun an ei.



A thiante nen an infiam.



Tlai dâr nga leh  
a chanve



A mut hmain a piin thawnthu a  
hrilh.



Zan dâr  
kua





Tunah chuan ni tina i hun hman dan tar lanna chart siam ve rawh le.

*Dar zat*

*A thu in*

*Sana*



*Hemi huna i thil tih?*

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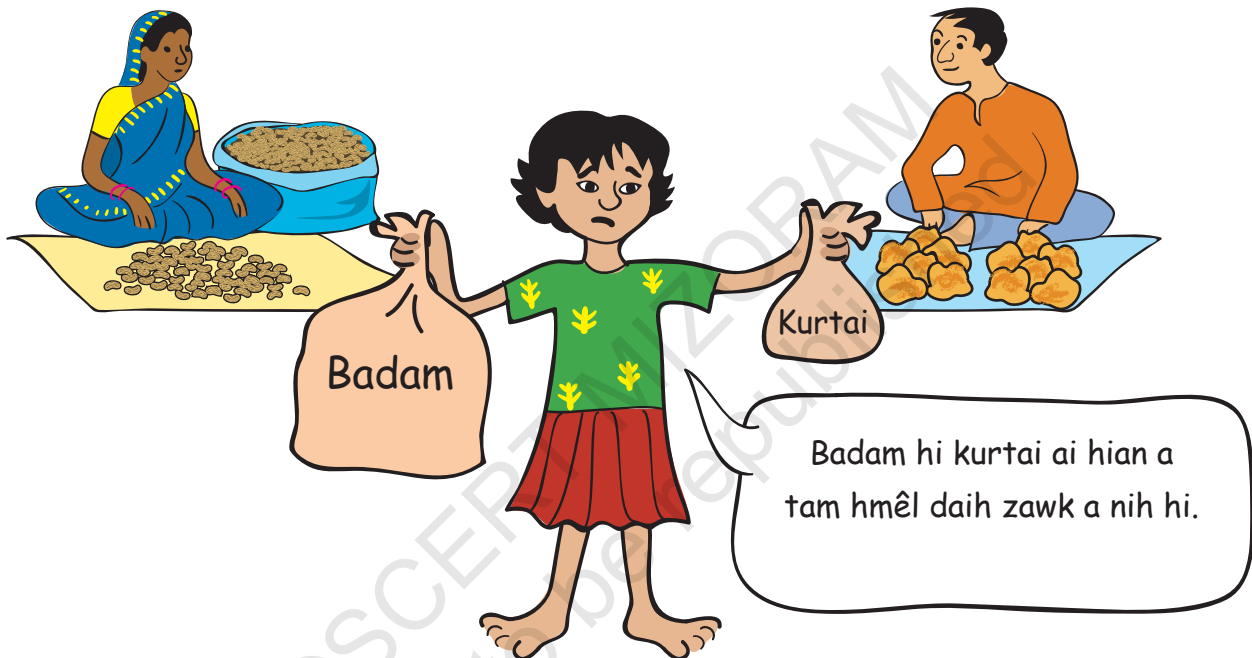
## 8 A Eng Nge Rit Zawk?



0325CH08

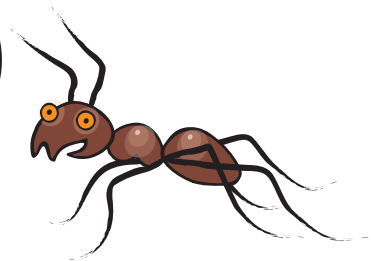
### Kurtai leh Badam

Shabnam-i chuan kurtai leh badam hi tui a ti hle a.  
Nikhat chu kurtai kg 1 leh badam kg 1 hi a lei a.  
(Kilogram hi kg tiin kan ziaak thin a nih kha.)



\* Badam chu kurtai aiin a rit zawk tak tak nge a rih zawk hmêl chauh?

Han ring teh, a eng dah nan hian nge bag i mamawh len zawk ang?

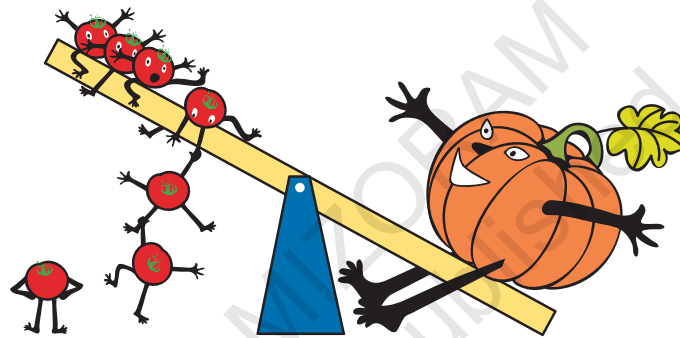


- (1) Vaimim kan puah kg 1 nge chini kg 1?
- (2) Chana kg 1 nge alu kg 1?

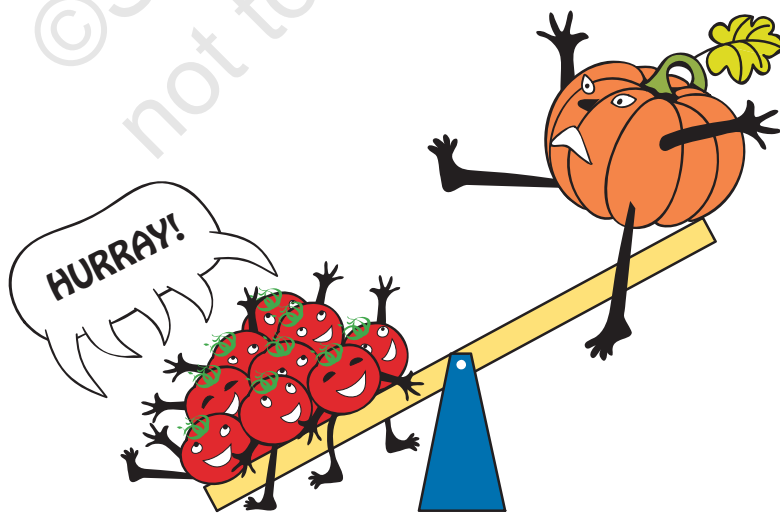
Bazarah kalin i rin dik leh dik loh fiah ang che.

## Mai leh tomato

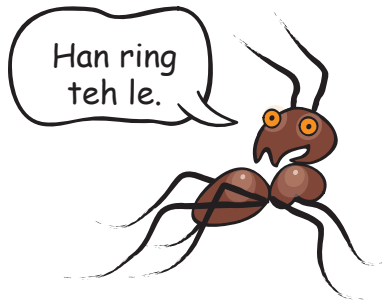
He hmunah hian infiam turin tomato-te ni tin an lo kal ðhin a. Inbûknaa inbûk chu nuam an ti êm êm ðhin a ni. Ni khat chu mai lian pui mai hi lo kal vein inbûkna-ah chuan a ðhu run mai a. Rei tak a ðhut hnu pawha thawh mai a tum tâk lohvah chuan tomato-te chuan buk kâna, tihtlak an tum ta a. Tomato te tak tê têtê chu inbûknaah chuan an lawn ta a .. 1, 2, 3, 4, 5, .. 25. 25 thleng an lawn pawh chuan mai chu an la bûk kâng zo lova. Mai lah chu a nui huah huah mai bawk si a. Tichuan tomato lianho chuan rawn ðanpui an



tum ta a. Tomato têho chu chhukin a lianho chu an lawn ve ta thung a. 1, 2, 3, 4,.....20. Chutah le, mai chu a kâng ta vu vu mai a - Min chhuktir rawh u, khawngaih takin min chhuktir rawh u a ti ta chûl mai a.



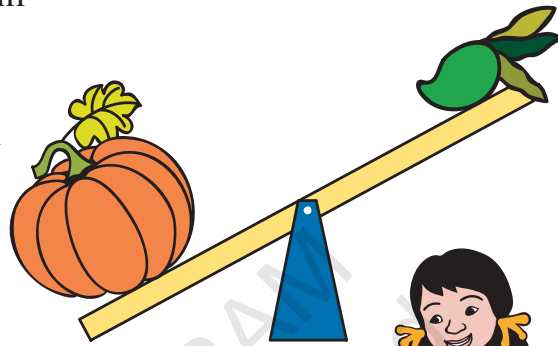




\* Mai buk kang turin tomato tê eng zat nge ngaia i rin le?

- Sawm
- Sawmhnih
- Sawmli

\* Theihai lian eng zatin nge mai bûk tawk ang?



\* Mai eng zatin nge bûk tawk chea i rin?

\* I pawlpuite zinga hetiang awm hi an hming han ziak chhuak teh le.



(a) Nangmah ang vela rit

\_\_\_\_\_

(b) Nangmah aia rit

\_\_\_\_\_

(c) Nangmah aia zâng

\_\_\_\_\_

\* I bân khing khatin lehkhabu eng zat nge i char theih?

## A rih zâwng lê̄t hnih

Kungi nu leh pa chuan Independence Day hi Kungi pian ni a nih avangin dangdai deuhvin an lawm ðhin a. Kungi rih zâwng let 2-a rit chhang thlum leiin mi retheite hnenah an sem ðhin a.



Kungi chu a pian tirhin kg 3-a rit a ni a. Vawiin hi Independence Day a ni a. Kungi pawh kum 5 a tling ta a. Kg 28 laia rit a ni tawh a.

\* Independence Day apianga a rih zâwng leh a nu leh pain chhang thlum an sem zât han chhût teh le.

### *Kungi kum*

### *A rih zâwng*

### *Chhang thlum rih zâwng*

A pian tirhin

3 kg

$3 + 3 = 6$  kg

Kum 1 a nihin

9 kg

\_\_\_\_\_

Kum 2 a nihin

\_\_\_\_\_

$13 + 13 = 26$  kg

Kum 3 a nihin

17 kg

\_\_\_\_\_

Kum 4 a nihin

\_\_\_\_\_

$22 + 22 = 44$  kg

Kum 5 a nihin

28 kg

\_\_\_\_\_

Naupang kum 2 emaw kum 4 emaw rih zâwng tur awm ang i nu leh pa zawt ang che.

I rih zâwng han ring chhin teh le. \_\_\_\_\_



## Ei siam

Zaia chuan ei siam dan thar radio-a puan chu a lo hre ve a. Siam chhin ve a duh a, a siam dan a ziah chhuah chuan a tibuai ta hle mai a.

A thil ziah chhuah chu hetiang hi a ni —

- (1) Belah tui **thirfiante 2** chhuang la.
- (2) Tui chhuang so la, a hnuaia mite hi telh ang che.
  - dal kut hmawra **sawh khat**
  - hmarcha dip **kg chanve**
  - chi **bowl khat**

- (3) **Thirfiante khat** buhfai telh tur
- (4) Chana **2** leh anṭam chi **no 8** telh tur
- (5) A tawp berah purun sen **kg 1** telh tur.

A vaia chawh pawlh a, minute 15 chhung chhuan so tur.

Zaia chuan a thil pawlh tur tam lam chu a dik lo hle in a hria a.

\* A pawlh tur zat dik tak han hrih teh le.

buhfai	<b>kg 1</b>
dal	<b>kg chanve</b>
chana	_____
tui	_____
purun sen	_____
chi	_____
anṭam chi	_____
hmarcha dip	_____



**Tih tur**

A. In chhungkaw mamawh in lei thin (buhfai, tel, hmarcha, chini, bawngnhute, purun sen, sawhthing, etc.) ziak chhuak la. Tum khatah eng zata tam nge in lei thin ziak bawk ang che.

<i>Thil lei hming</i>	<i>Lei tam lam</i>



B. An rih zâwng nia i rin nen mil rawh.



kg 10

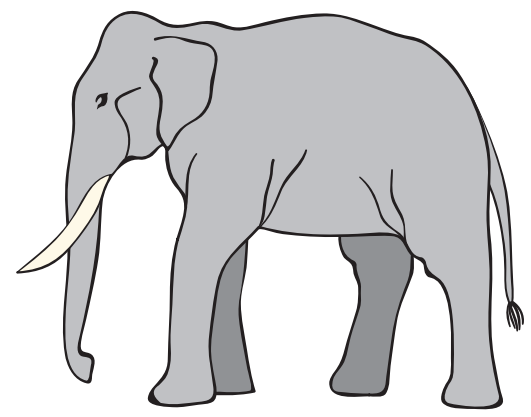
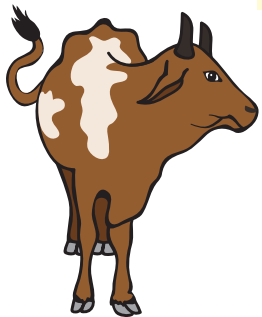
kg 400

kg 1 aia tlêm

kg 1000 aia tam

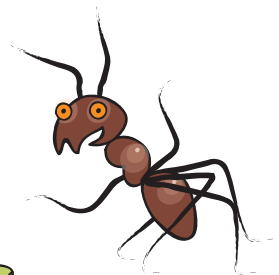
kg 80

kg 2



C.

Engte hi nge kg 1 aia rit ni anga,  
engte hi nge kg 1 aia zâng ni ang han ring chhin  
teh le.



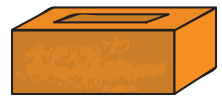
i) I school bag



ii) Geometry box



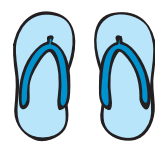
iii) Leirawhchan



iv) Mai lian tâwk



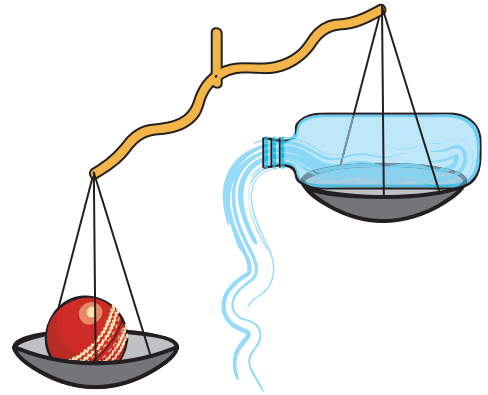
v) I pheikhawk/silipar



Bûkna leh bûklung kg 1-a rit in class-ah keng la. I ring dik em bûk chhin rawh.

D. A rit zawk hre turin han bûk teh.

- i) Tui bottle nge cricket ball?
- ii) I pheikhawk nge pencil bawm?
- iii) I Maths bu nge Mizo bu?
- iv) I iptê nge i thiannu iptê?



E. Hlum emaw vaivut emaw kg 1 bûk la. A inzatin ip 2-ah then la, a rih zâwng a intluk chiah tih bûkna hmangin fiah rawh.



Ip khat chu kg chanve a lo ni a. I bul vela thil dang awmte rih zâwng teh nan hmang rawh.

\* I thil bûkte chu a hnuaia mi ang hian then la, ziak tlar ang che.

- i) Kg chanve aia zâng.
- ii) Kg chanve aia rit.

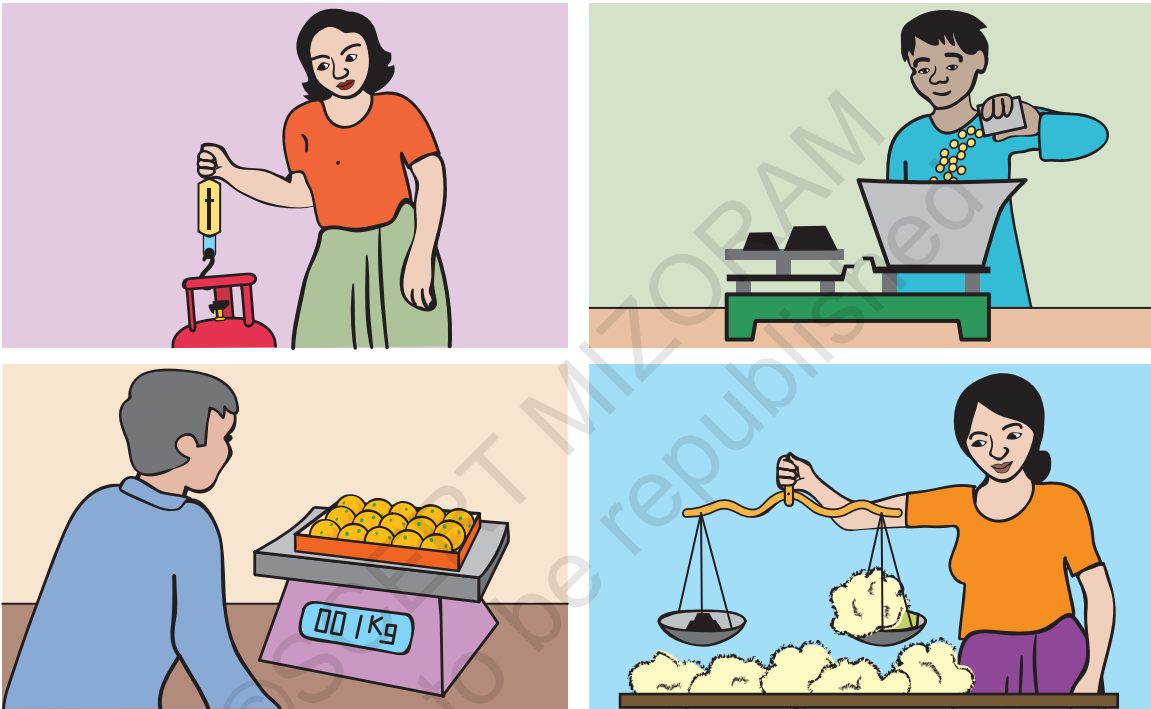
Tih tur (activities) chi hrang hrangte hian in leh dawr, etc-a an thil hmuh thinte rih zâwng an chhût thiam theih nan naupangte a tanpui nasa em em a. Ramsa rih zâwng inrinsiak hi a nuamin a hlimawm a, thil lian zawk rih zâwng chhût thiam nan a tangkai hle a ni. Zirtirtute chuan classroomah bûkna (balance) keng se, naupangte chu thil bûktir ve se.

## Bûkna leh Bûklung

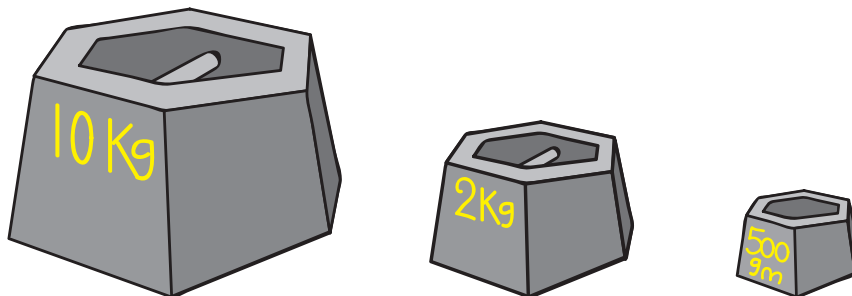
In awmna bul hnaia thir chhe dawr, thlai zawrhna dawr leh ei chawp dawr te tlawh la. Bûklung an hmante en rawh.

- i) Tu nge bûklung hmang lian ber?
- ii) Tu nge bûklung hmang tê ber?

Hetiang bûknate hi i hmu tawh ngai em?



A hnuai bûklungte hi eng dâwrahte nge i hmuh ang? I thiante nen sawi ho teh u.



# 9 A Vawî Eng Zaf Nge?



0325CH09



## Nungcha ke tam

Kel 5 an awm a.

An vaia ke chu eng zat nge?

$$4 + 4 + 4 + 4 + 4 = 20 \text{ emaw}$$

4 vawi 5 chu 20 a ni. emaw

$$5 \times 4 = 20$$

Maimawm hi eng zat nge? \_\_\_\_\_

Maimawm in ke \_\_\_\_\_ a nei.

Maimawm ke zawng zawng chu 3 vawi \_\_\_\_\_

emaw  +  +  = \_\_\_\_\_

emaw  $3 \times$  \_\_\_\_\_ = \_\_\_\_\_



He nungcha ke ngah tak hi i hria em?

Octopus a ni a.

Tuipuia cheng a ni.

Ke 8 a nei.

Octopus 5 ke belhkhawm hi eng zat nge ni ang?

+  +  +  +  = \_\_\_\_\_

emaw 5 vawi \_\_\_\_\_ = \_\_\_\_\_

emaw  $5 \times$  \_\_\_\_\_ = \_\_\_\_\_



*In chibai luai luai ang u .....*



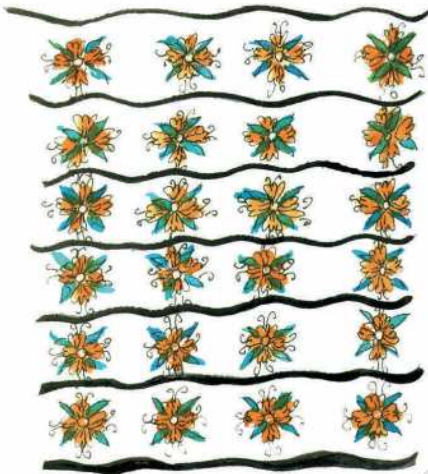
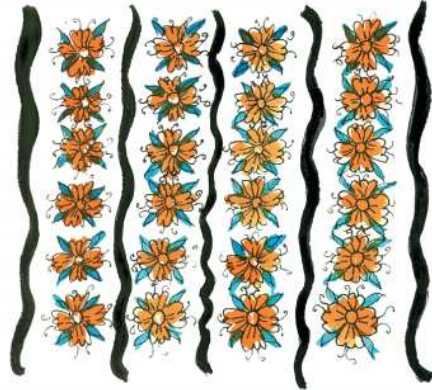
## Chhiar lovin a zat zawng rawh

Pangpar huanah hian pangpar eng zat nge awm?

Tlar 4 a awm a. Tlar tinah pangpar 6 zel a awm a. Tichuan, a vaia pangpar awm zat chu 6 hliir 4 a lo ni ang.

$$6 + 6 + 6 + 6 = 24 \text{ emaw}$$

$$4 \times 6 = 24$$



Kawng dangin i han chhut leh chhin teh ang. Pangpar huanah chuan tlar 6 a awm a. Tlar tinah chuan pangpar 4 zel a awm. Pangpar awm zawng zawng chu 4 hliir 6 a lo ni ang.

$$4 + 4 + 4 + 4 + 4 + 4 = 24$$

$$\text{emaw } 6 \times 4 = 24$$

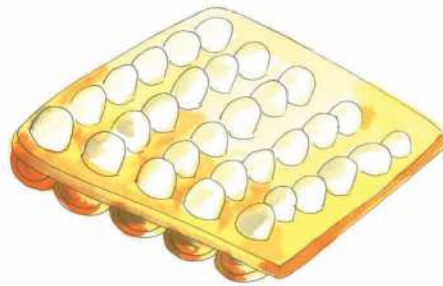


Saidawium eng zat nge awm le?

\_\_\_\_\_ hliir \_\_\_\_\_ = Saidawium \_\_\_\_\_

Artui eng zat nge awm?

\_\_\_\_\_ hliir \_\_\_\_\_ = Artui \_\_\_\_\_



## Tih tur

### A. *Chhinchhiahna + hmangin ziaak tha rawh.*

5 hlr 2 chu 5 lêt emaw  $5 + 5$

18 hlr 4 chu 18 lêt 4 emaw \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ a ni.

20 hlr 3 chu 20 lêt 3 emaw \_\_\_\_ + \_\_\_\_ + \_\_\_\_ a ni.

9 hlr 8 chu 9 lêt 8 emaw \_\_\_\_ + \_\_\_\_ + \_\_\_\_ +  
\_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ a ni.



### B. A wawi eng zat nge sawi rawh.

$$9 + 9 + 9 + 9 + 9 + 9 = 6 \times 9 = 54$$

$$4 + 4 + 4 + 4 + 4 = 5 \times 4 = 20$$

$$8 + 8 + 8 = \_\_\_ \times 8 = \_\_\_\_\_\_$$

$$3 + 3 + 3 + 3 + 3 = 5 \times \_\_\_ = \_\_\_\_\_\_$$

$$30 + 30 + 30 = \_\_\_ \times \_\_\_ = \_\_\_\_\_\_$$

$$7 + 7 + 7 + 7 + 7 + 7 = \_\_\_ \times \_\_\_ = \_\_\_\_\_\_$$

$$12 + 12 + 12 + 12 = \_\_\_ \times 12 = \_\_\_\_\_\_$$

$$6 + 6 + 6 = \_\_\_ \times \_\_\_ = \_\_\_\_\_\_$$

$$10 + 10 + 10 + 10 = \_\_\_ \times \_\_\_ = \_\_\_\_\_\_$$

$$2 + 2 + 2 + 2 + 2 = \_\_\_ \times \_\_\_ = \_\_\_\_\_\_$$

$$6 + 6 + 6 + 6 + 6 + 6 + 6 = \_\_\_ \times \_\_\_ = \_\_\_\_\_\_$$



C. Ramchhanan biscuit bâwm 4 a lei a. Bâwm 1-ah chuan biscuit 4 zel a awm a. Ramchhana chuan a vaiin biscuit eng zat nge a neih?

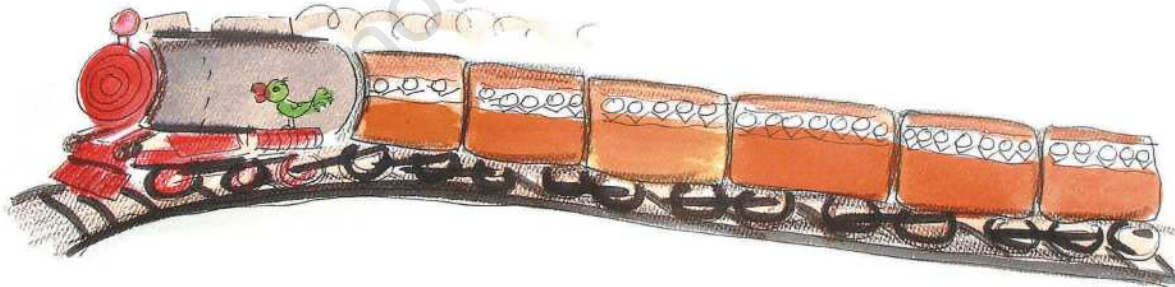


D. Classroom-ah dawhkan 12 a awm a. Dawhkan 1-in ke 4 zel a nei a. Dawhkan ke zawng zawng chu eng zat nge?



E. Sabiha-i chuan pangpar bâwr 3 a lei a. Bâwr 1-ah chuan pangpar 4 zel a awm a. A vaiin pangpar eng zat nge awm?

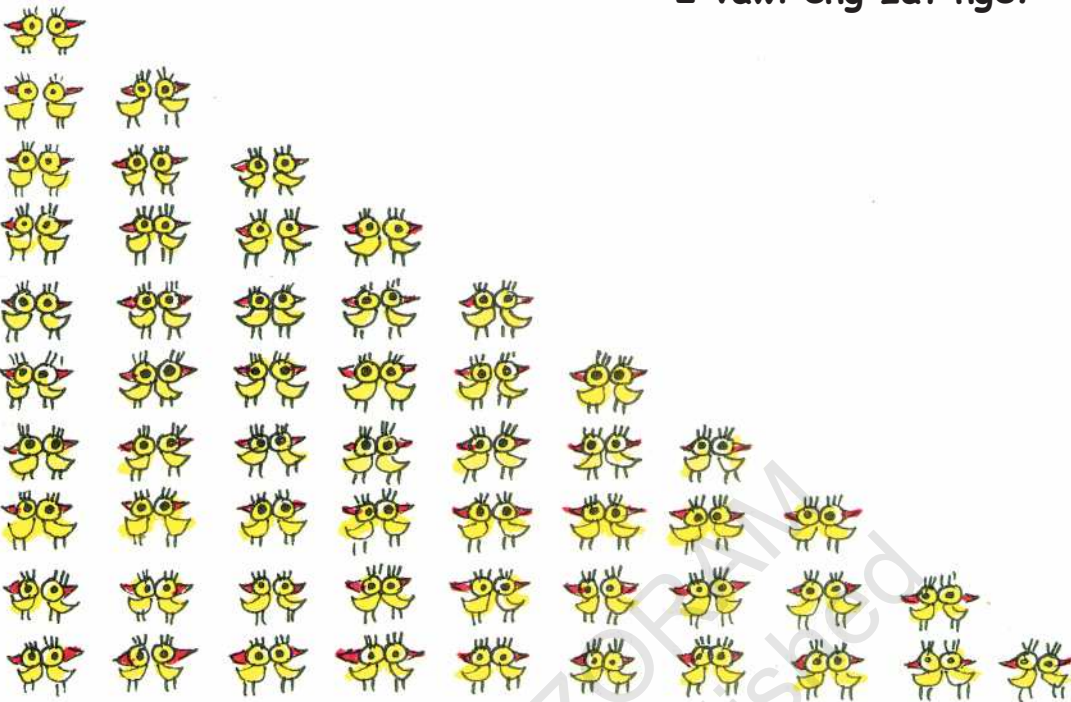
F. Rel pindan pakhatin ke 8 zel a nei a. Pindan 6-in ke eng zat nge a neih?



Naupangten word problem an tih zawhah chhanna an hmuh chhuah dante sawi hona neih tur a ni. Hei hian puntir awmzia naupangte a hriat thiamtir ang.



2 vawi eng zat nge?

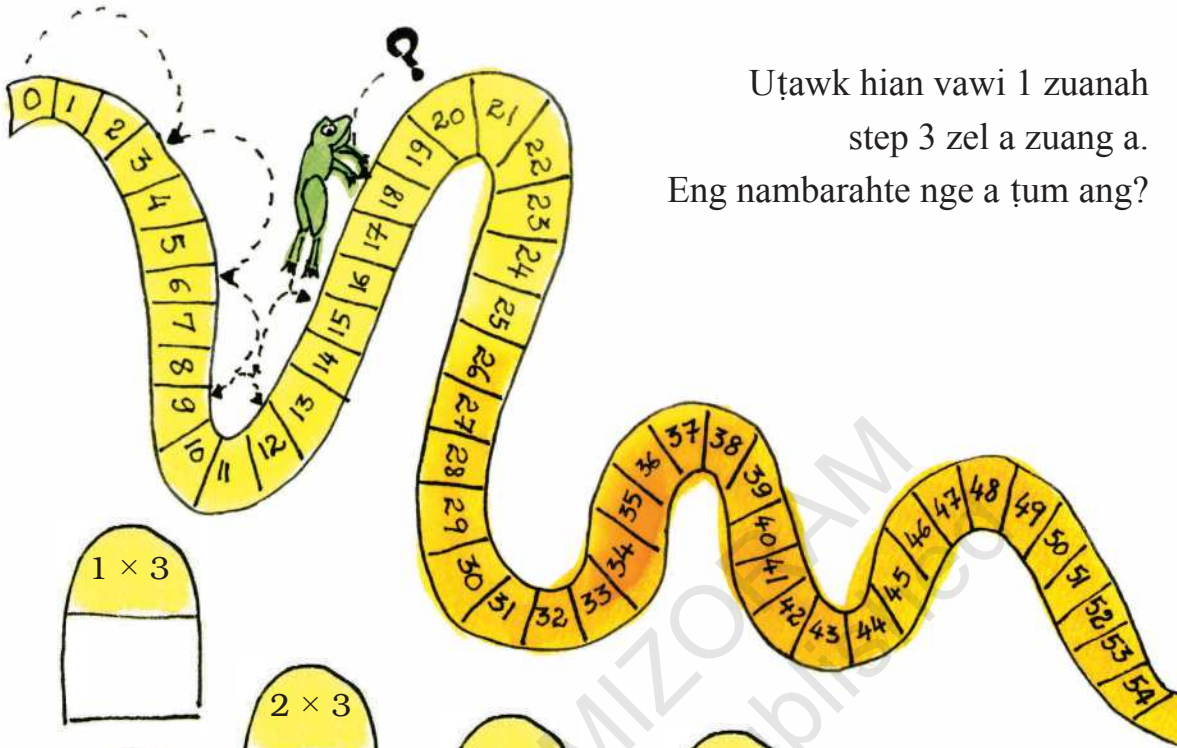


2 vawi 1	chu 2	emaw $1 \times 2 = 2$
2 vawi 2	chu 4	emaw $2 \times 2 = 4$
2 vawi 3	chu 6	emaw $3 \times 2 = 6$
2 vawi 4	chu _____	emaw $4 \times 2 = \underline{\hspace{1cm}}$
2 vawi 5	chu _____	emaw $5 \times 2 = \underline{\hspace{1cm}}$
2 vawi 6	chu _____	emaw $6 \times 2 = \underline{\hspace{1cm}}$
2 vawi _____	chu _____	emaw $\underline{\hspace{1cm}} \times 2 = \underline{\hspace{1cm}}$
2 vawi _____	chu _____	emaw $8 \times 2 = \underline{\hspace{1cm}}$
2 vawi _____	chu _____	emaw $9 \times 2 = \underline{\hspace{1cm}}$
2 vawi _____	chu _____	emaw $10 \times 2 = \underline{\hspace{1cm}}$



Ka rualin zuang ve ru

Uṭawk hian vawi 1 zuanah  
step 3 zel a zuang a.  
Eng nambarahte nge a ṭum ang?



$1 \times 3$			
$5 \times 3$	$2 \times 3$	$3 \times 3$	$4 \times 3$
$9 \times 3$	$6 \times 3$	$7 \times 3$	$8 \times 3$
$13 \times 3$	$10 \times 3$	$11 \times 3$	$12 \times 3$
	$14 \times 3$	$15 \times 3$	

Step 4 zuang zela kan tumna  
tur lantir rawh.

1 × 4    2 × 4    3 × 4

5 × 4    4 × 4

6 × 4    7 × 4

8 × 4    9 × 4

10 × 4    11 × 4    12 × 4

13 × 4

14 × 4    15 × 4



Step 7 zuang zela kan tumna tur lantir rawh.

1 × 7

2 × 7

3 × 7

4 × 7

5 × 7

6 × 7

7 × 7

8 × 7

9 × 7

10 × 7

11 × 7

12 × 7

13 × 7

14 × 7

15 × 7

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150

## Tiang hmanga infiam



Mimi chuan hmawlh eng emaw zat  
a nei a. Hetiang hian a rem a.

$$5 \text{ vawi } 1 = 5$$

$$5 \text{ vawi } 2 = 10$$

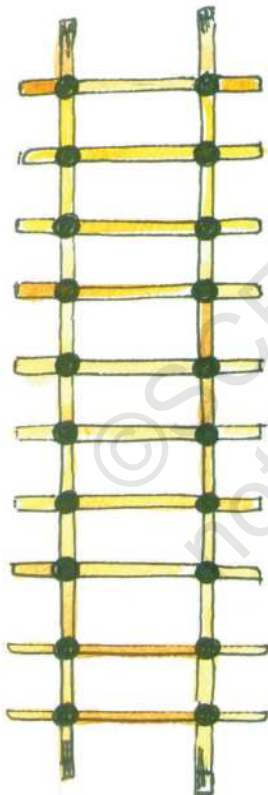
$$5 \text{ vawi } 3 = 15$$

$$5 \text{ vawi } 4 = 20$$

Chutah tiang inthuahna lai chu eng zat nge  
a han chhiar a. A thil hmuh chhuah chu

$$5 \text{ vawi } 4 = 5 \text{ hlir } 4 = 20$$

Tiang hmangin 2 vawi i han siam dawn teh ang.



$$1 \times 2 = 2$$

$$2 \times 2 = 4$$

$$3 \times 2 = 6$$

$$4 \times 2 =$$

$$5 \times 2 =$$

$$6 \times 2 =$$

$$7 \times 2 =$$

$$8 \times 2 =$$

$$9 \times 2 =$$

$$10 \times 2 =$$



Naupangte chu hmawlh 16 leh 24 pein chi hrang hranga remtir ve ni se. Entir nan, hmawlh 16 chu  $4 \times 4$ ,  $2 \times 8$ ,  $8 \times 2$  leh hmawlh 24 chu  $12 \times 2$ ,  $8 \times 3$ ,  $4 \times 6$ ,  $6 \times 4$ ,  $3 \times 8$ .





6 hmun siam turin hmawlh lem  
han ziak teh le:

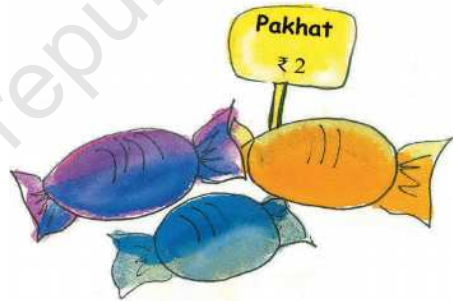


**Table hmanga thil lei**

Heng thilte hi eng zat man nge?

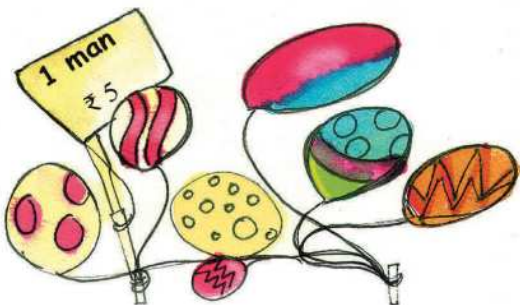
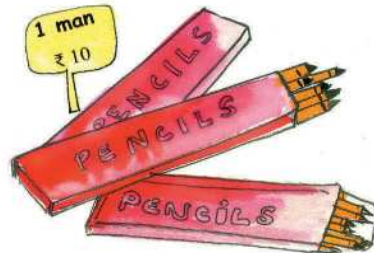
Sweet 4 man chêng \_\_\_\_\_.

[Kawhhmuhna:  $4 \times 2$ ]



Pencil bâwm 3 man chêng \_\_\_\_\_.

Pencil bâwm 10 man chêng \_\_\_\_\_.



Balloon 9 man chêng \_\_\_\_\_.

Naupang lawm 5 man chêng \_\_\_\_\_



Hmaikawr 7 man chêng \_\_\_\_\_

### Tih tur

#### A. Dah khat rawh:

$2 \times 7 = \underline{\hspace{2cm}}$

$3 \times 9 = \underline{\hspace{2cm}}$

$4 \times 9 = \underline{\hspace{2cm}}$

$5 \times 2 = \underline{\hspace{2cm}}$

$5 \times 8 = \underline{\hspace{2cm}}$

$3 \times 10 = \underline{\hspace{2cm}}$

$10 \times 6 = \underline{\hspace{2cm}}$

$2 \times 8 = \underline{\hspace{2cm}}$

$5 \times 9 = \underline{\hspace{2cm}}$

$10 \times 8 = \underline{\hspace{2cm}}$

#### B. Nambarte hi en la, tikim rawh.

3, 6, 9, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

2, 4, 6, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

10, 20, 30, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

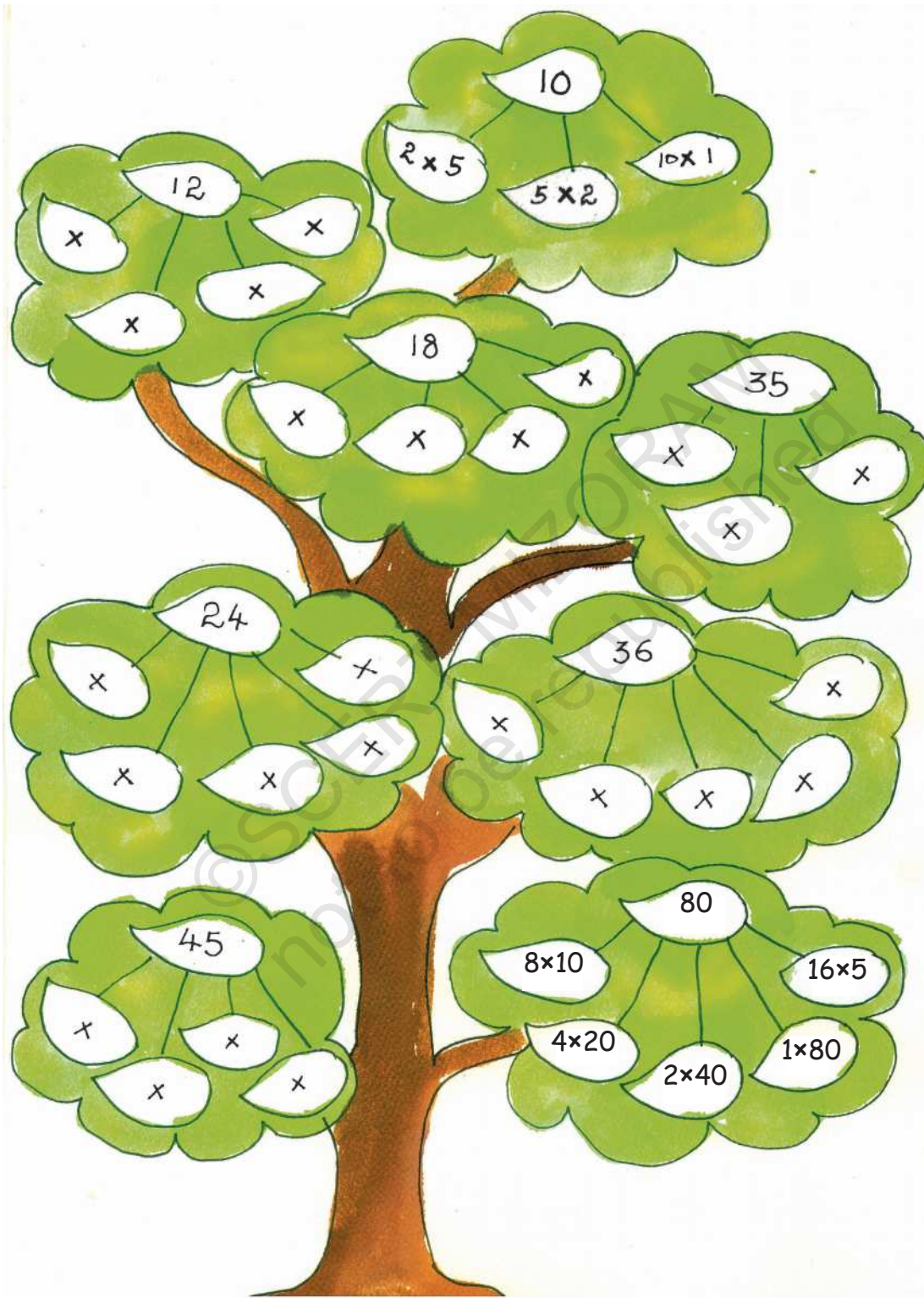
4, 8, 12, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

5, 10, 15, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

30, 60, 90, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.



C. Puntirna thing kung hi dah khat rawh.





**D. A vaiin eng zat nge?**

- Lekhabu bâwmah chhuar 4 a awm a.  
Chhuar 1-ah lekhabu 5 zel a awm a.  
Lekhabu eng zat nge awm?

$$4 \times 5 = \text{lekhabu } 20$$

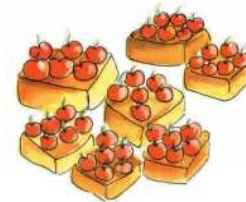


- Kawr 1-in kawrkilh 5 a nei a.  
Kawr 3-ah kawrkilh eng zat nge awm?



- Fan pali a awm a. Fan 1-in bân 3 a nei a. A vaiin fan bân zawng zawng chu eng zat nge?

- Bâwm pakhatatah apple 6 a awm a. Bâwm 7-ah apple eng zat nge awm ang?



- Triangle 4-ah kil zum eng zat nge awm?

**E. Some multiplication facts:**

$$8 \times 3 = \underline{\quad}$$

$$5 \times \underline{\quad} = 35$$

$$3 \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times 6 = 36$$

$$\underline{\quad} \times \underline{\quad} = 42$$

$$10 \times \underline{\quad} = \underline{\quad}$$

$$5 \times \underline{\quad} = 40$$

$$\underline{\quad} \times 9 = 36$$

$$\underline{\quad} \times \underline{\quad} = 54$$

$$\underline{\quad} \times 7 = 28$$



## 1 hmun

1 vawi 1 chu	$1 \times 1 =$	1
1 vawi 2 chu	$2 \times 1 =$	2
1 vawi 3 chu	$3 \times \underline{\quad} =$	<u>      </u>
1 vawi 4 chu	$\underline{\quad} \times \underline{\quad} =$	<u>      </u>
1 vawi <u>      </u> chu	$\underline{\quad} \times \underline{\quad} =$	<u>      </u>
1 vawi <u>      </u> chu	$\underline{\quad} \times \underline{\quad} =$	<u>      </u>
1 vawi <u>      </u> chu	$\underline{\quad} \times \underline{\quad} =$	<u>      </u>
1 vawi <u>      </u> chu	$\underline{\quad} \times \underline{\quad} =$	<u>      </u>



## Nambar lian puntir

A. Class pakhata zirlaite chu sweet 2 theuh pek an ni a. Zirlai 34 awm ta se, a vaiin sweet eng zat nge an sem?

Zirlai naupang zat = 34

Zirlai pakhatin sweet 2 a chang.

A vaia sweet sem ral zat chu  $34 \times 2$  a ni.

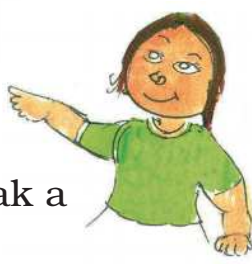


34x2 chu 34 hmun 2 a ni.  
30 vawi 2 chu 60 a ni.  
Tichuan a dikna chu 60  
aiin a tam.  
40 vawi 2 chu 80 a ni.  
A dikna chu 80 aiin a tlêm.  
Eng nge a dikna chu ni ta le?



Engtin nge 2 hmun 34 kan zawn ang?

Ka hria!



Biaki chuan tihian a ziak a

Hei hi eng nge ni?

	30	4
2		

34 chu 30 leh 4 a ni.



Biaki chuan heti hian a ziak leh a.

	30	4
2	$2 \times 30$ <b>60</b>	$2 \times 4$ <b>8</b>



2 vawi 30 chu 60.  
2 vawi 4 chu 8.



Eng nge a chhanna chu ni ta?



Bâwm chungga nambarte hi belh la, a chhanna chu  $60+8 = 68$ . A vaiin sweet 68 a ni.



Dik chiah! I thiam hle mai.



B. Picnic-naah zirlaite chu thei 4 ðheuh pek an ni a. An vaiin zirlai 23 an awm  
 a. Thei an sem zat chu zawng chhuak rawh.

Picnic-naa zirlai kal zat = 23

Zirlai 1 hnena thei pek zat = 4

Thei sem zat =  $23 \times 4$



23 × 4 awmzia chu 4 vawi 23  
 a ni a. 4 Vawi 20 chu 80 a ni a.  
 Tichuan a chhanna chu 80 aiin a tam  
 ang a, 100 aiin a tlem bawk ang.  
 Eng nge a chhan i sawi thei em?

	20	3
4	$20 \times 4$	$3 \times 4$
	<b>80</b>	<b>12</b>

80 leh 12 kan belhin 80

$$\begin{array}{r} 80 \\ + 12 \\ \hline 92 \end{array}$$

Tichuan 4 vawi 23 chu 92 a ni.



He zirlaia tih turte hi naupangten puntir awmzia an hriat thiam nâna duan a ni a. Nambur tam zawk puntir dan zirtir chu ðha viauin lang mah se zirtir hma lutuk erawh chuan harsatna a thlen thei a ni. Heta tih dan tur pekte hi naupangten 2 digit leh 3 digit an hriat dan beh chhana siam a ni. Naupangte chu puntir chhuah tur zat awm rin chhintir ðhin ni se.

## Tih tur

### A. Multiply:

$22 \times 3 =$

$21 \times 4 =$

$11 \times 5 =$

$20 \times 4 =$

$26 \times 4 =$

$25 \times 3 =$

$35 \times 3 =$

$32 \times 5 =$

$43 \times 2 =$

$24 \times 2 =$

$30 \times 5 =$

$23 \times 9 =$

$38 \times 2 =$

$24 \times 5 =$

$48 \times 4 =$

$58 \times 2 =$

### B. A dikna ring hmasa phawt la, chumi hnuah i chawk chhuak dawn nia:

✿ Pangpar 1-ah par 5 a awm a. Pangpar bawr 1-ah pangpar 13 a awm bawr a. Pangpar bawr 1-ah par eng zat nge awm?

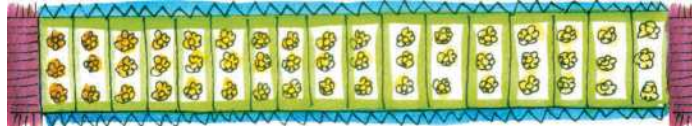
✿ Lehkhabu 1-ah phek 64 a awm a. Chutiang lehkhabu 8-a phek awm zawng zawng chu eng zat nge?



✿ Zirlaite chu tlar rugin an ding a. Tlar khatah zirlai 17 zel an awm a. Zirlai zawng zawng chu eng zat nge an nih?



✿ Puan zeh pakhatatah par 3 zel an zep tlar a. Chutiang tlar 17 chu puan pakhatatah a awm a. A vaiin puanah chuan par eng zat nge awm?

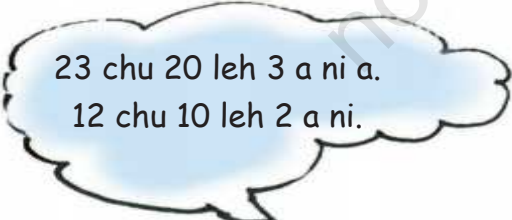
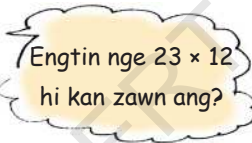
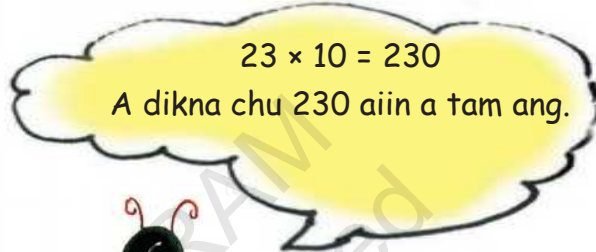


### Dawrzawn 23-ah eng zat nge awm?

Thil tam tak hi a dawrzawna hralh a ni a. Entir nan ngûn te, serthlum te hi a dawrzawnin an hralh fo thin a ni. .

Serthlum dawrzawn khat chu serthlum 12 a ni.

Tichuan serthlum dawrzawn 23 chu serthlum  $23 \times 12$



Biaki chuan heti hian a ziak leh a.



A dawt lehah Biaki chuan heti hian a ziak a.

	20	3
10	$20 \times 10$ <b>200</b>	$3 \times 10$ <b>30</b>
2	$20 \times 2$ <b>40</b>	$3 \times 2$ <b>6</b>

Biaki chuan a belh leh a.

$$\begin{array}{r} 200 \\ 40 \\ 30 \\ + 6 \\ \hline 276 \end{array}$$

A dikna hre turin bawm chungga nambarte hi kan belh ang.



A dik lutuk.  
 $23 \times 12 = 276$



Tichuan serthlum dawrzawn 23 chu 276 a ni.

**Han ti ve teh  $43 \times 13$**

43 chu 40 leh 3 a ni a.

13 chu 10 leh 3 a ni bawk.

A lema entir ang hian nambarte chu bawmah ziak la.



A dikna ring chhin phawt rawh.

	40	3
10	$40 \times 10$ <b>400</b>	$3 \times 10$ <b>30</b>
3	$40 \times 3$ <b>120</b>	$3 \times 3$ <b>9</b>

Bâwma nambarte hi belh rawh:

$$\begin{array}{r} 400 \\ 120 \\ 30 \\ + 9 \\ \hline 559 \end{array}$$



So  $43 \times 13 = 559$

**Tih tur**

A dikna ring chhin phawt la, chutah i chawk chhuak dawn nia.

$42 \times 23 = \underline{\hspace{2cm}}$

$73 \times 11 = \underline{\hspace{2cm}}$

$51 \times 13 = \underline{\hspace{2cm}}$

$54 \times 12 = \underline{\hspace{2cm}}$

$25 \times 36 = \underline{\hspace{2cm}}$

$12 \times 14 = \underline{\hspace{2cm}}$

**Puntirna kalhmang**

A.  $9 \times 1 = 9$

$9 \times 2 = 18$

$1 + 8 = 9$

$9 \times 3 = 27$

$2 + 7 = 9$

$9 \times 4 = 36$

$3 + 6 = 9$

$9 \times 5 = 45$

$4 + 5 = 9$

$9 \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

$9 \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

$9 \times 8 = \underline{\hspace{1cm}}$

$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

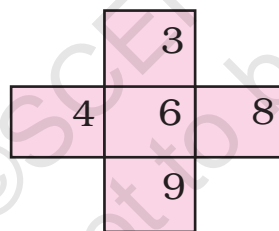
9 hmun kalhmang hi i hmu thiam em le? Eng nambarte nge belha 9 chhuak?

Puntirna (hmun) ziarang ngun taka zima hian nambar kalphung hriat thiamna nasa takin a pui.

B. Grid (bâwm inphan) siam la, Colour nambarte inpuntirin dah khat rawh .

	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4										
5										
6										
7										
8										
9										
10										

Cross lem hi han en teh.



Nambarte hi a chhuk zawngin belh ila.

$$3 + 6 + 9 = 18$$

A pheii zawngin belh leh ila.

$$4 + 6 + 8 = 18$$

A chhuak chu a inang chiah.

Hetiang cross dang hi siam leh la, i lehkhapuanah ziaak chhuak ang che.



C. Grid-a nambarte kha hetiang hian rawngin chei rawh.

\* 1- 10 kha rawng chi khatin chei la.

\* 2-20 chu rawng dangin.

\* 21-30 chu rawng dang lehin.

I thil cheiah chuan rawng inchawih mumal tak a lang em?



A hnuaiah hian i duh ber  
hmun ziak rawh.



10

# Ziarang (Pattern) Hmanga Infiam



0325CH10

Kan vela ziarang

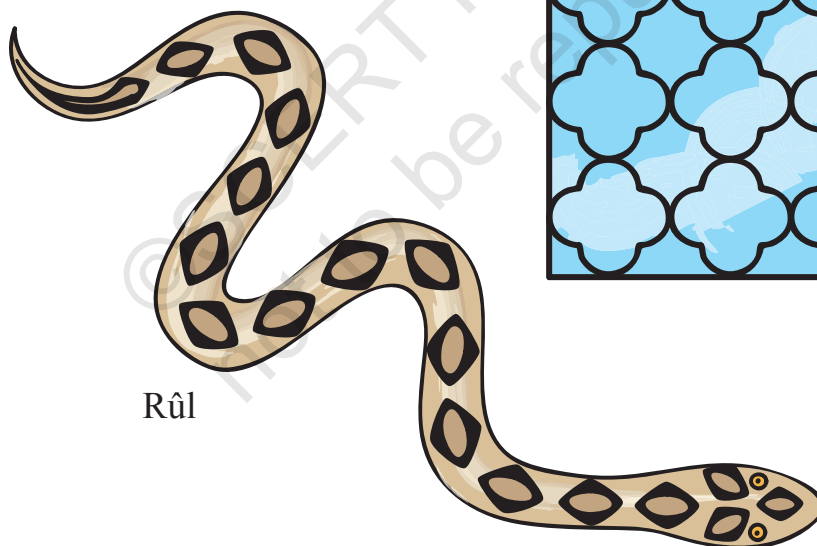
Ni tinin ziarang chi hrang hrang kan hmu a.

Entir nan:

Thir hling nei



Tukverh-a thir phan



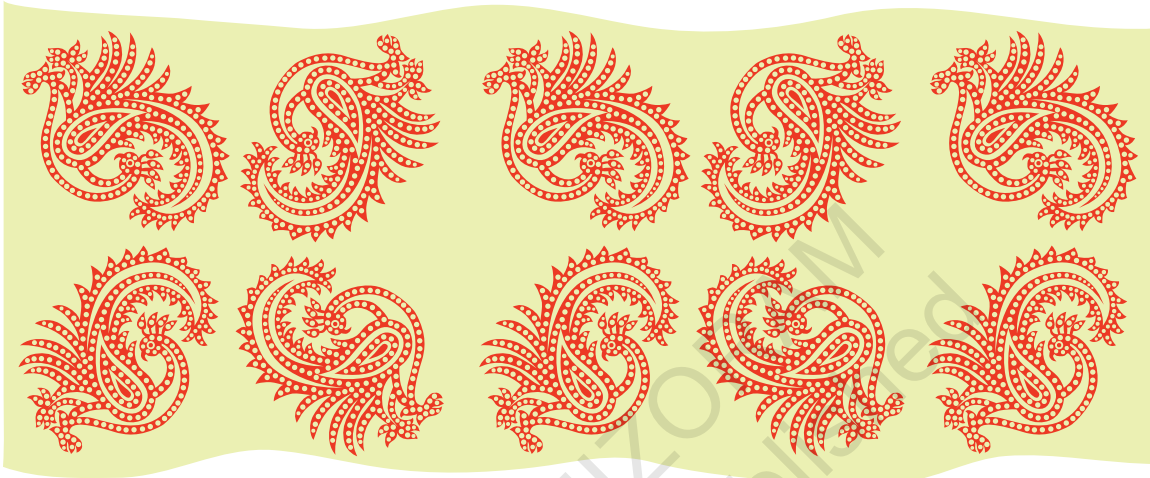
Rûl

I bul vela ziarang nei i hmuh thil 3 ziak chhuak rawh.

\_\_\_\_\_

I bul vela ziarang i hmuh chu a lem ziak ve ang che.

Hello! Pallavi-i ka ni a. Jaipur-a cheng ka ni.  
Kan khua chu puana thil lem chhut kaia lar a  
ni a. Ka nuin chhut kai chi a siam chhuah hi  
han en teh.



Heng thil lemte hi a lem ngai hlir chhu nawn chhu nawn a siam a ni a. Ni khat chu  
chutiang chhut chi chu hmu fuhin thil mawi deuh ka rawn chhu chhuak ve a ni.

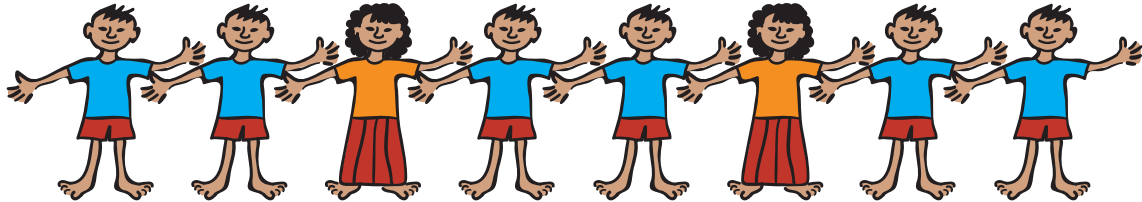


Heng thil lemte hi a lem ngai reng, chi hrang hrang chhut a ni a.

A lem an chhut nawn dan khi i hmu thiam em le?

Milem hmanga  
ziarang siam

Milem hmangin ziarang  
ka siam a. He ziarang  
atan hian kalphung bik  
ka nei a.



Heta kalphung ka hman chu mipa naupang 2 hnuah hmeichhe  
naupang 1 a awm a. Hei hi a awm nawn ta zel a ni.

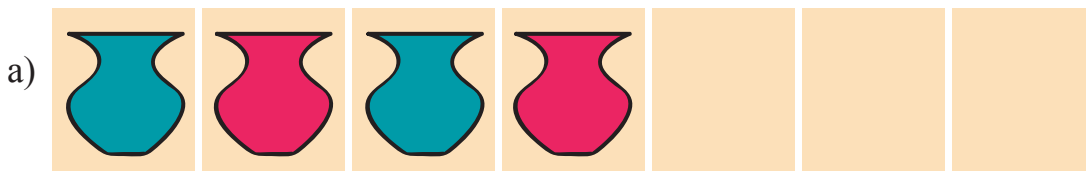


He ziarangah hi chuan fei chung lam hawi leh hnuai  
lam hawi an awm a. Hei hi a awm nawn leh ta zel a ni.

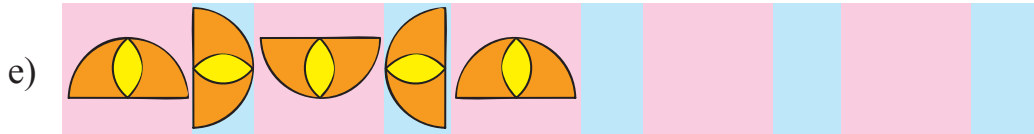
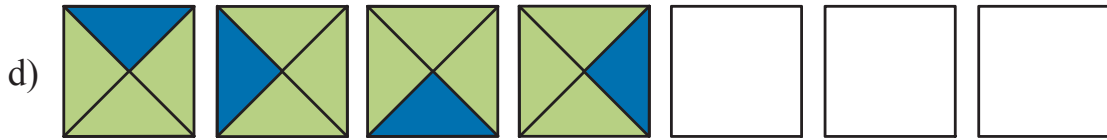
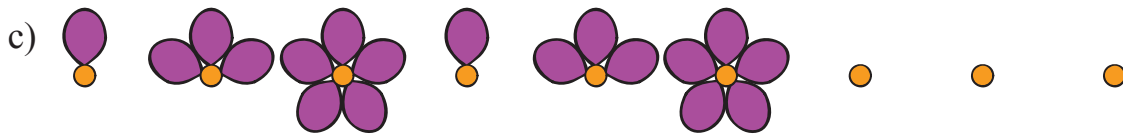


Tih tur

- ◆ A hnuai hian ziarang thenkhat pek a ni a.  
A indawt dan hi enin han ziah chhonzawm teh le.



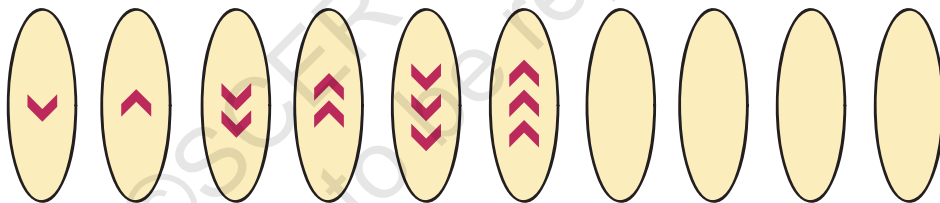




f) Zing, chhun, tlai, zan, zing, \_\_\_\_\_

### Ziarang kal zel

Ziarang thar ka  
siam e.



Mahse he ziarang hi  
chu a ngai awm nawn  
lovin a kal zel a nih hi.

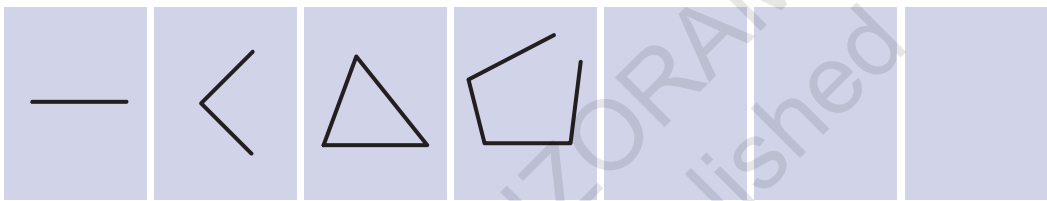
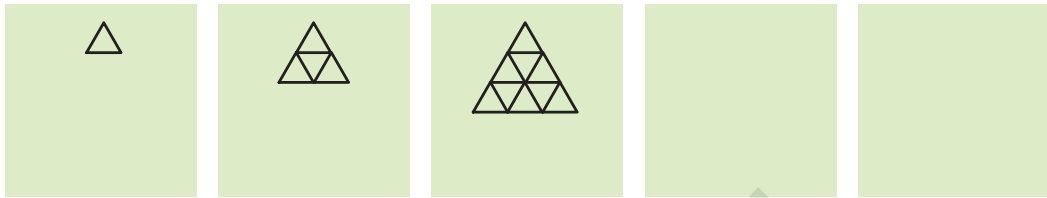
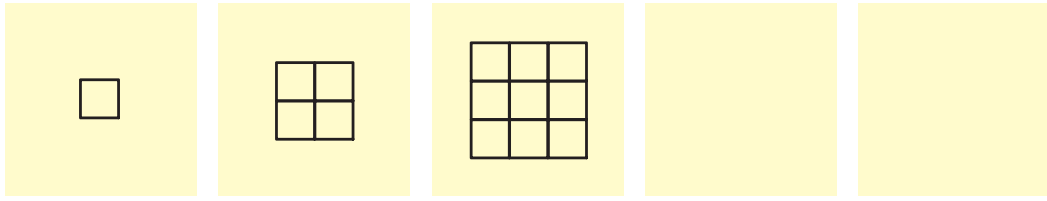


Eng nge a pawina?  
Awmzia a nei vek  
tho alawm.



A awmzia i hmu thiamin, i chhunzawm thiam em le?

Hengte pawh hi han ti ve teh le.



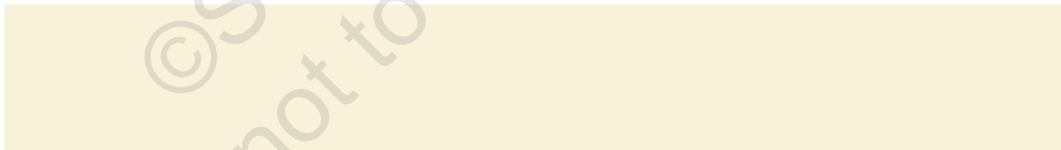
**Keima siam ziarang**

◆ Nangma pualin ziarang han siam ve teh le.

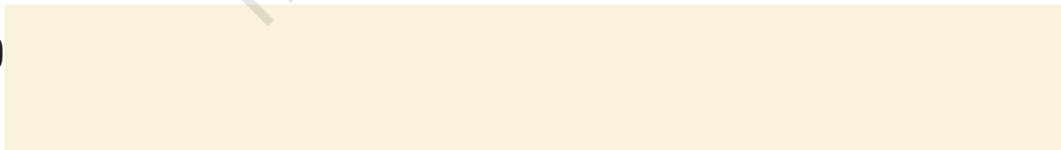
i)



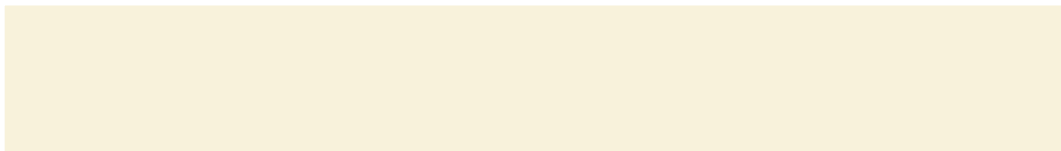
ii)



iii)



iv)



◆ I ziarang siam chu i thianta chhunzawmtir ang che.

## Nambar ziarang

Milem hmangin ziarang thenkhat kan siam tawh a. Nambar hmang pawhin ziarang kan siam thei. Hetiang hian 21, 41, 61, 81, 101 .....

A lehpek chiah nambar i hria em le?

Ziarang kal zel kan tih ang kha a ni a. Tawp chin awm lovin a kal zel a ni.

21, 41, 61, 81, 101, 121, 141, 161, .....

A. Heng ziarangte hi an kalhmang enin chhonzawm ang che.:

a) 51, 56, 61, 66, \_\_\_\_\_, \_\_\_\_\_ .....

b) 7, \_\_\_\_\_, 21, 28, 35, \_\_\_\_\_, \_\_\_\_\_ .....

c) 2, 4, 8, 16, 32, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

d) 12A, 13B, 14C, \_\_\_\_\_, \_\_\_\_\_.

B. Ziarang kal zelte hi en la. Nambar tinah hian a dawt chiah nambar chhuak turin eng nge belh ngai?

a) 1, 3, 6, 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

b) 0, 2, 6, 12, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

c) 1, 3, 7, 13, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

d) 2, 3, 6, 11, 18, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

He zirlai hian naupangte an vela thil pianziate chika an hriat thiam theihna turin a tanpui a, Naupangten pianzia lo intan dan leh a kal zel dante an hriat nan hetiang lam hawi entirna tam zawk pek ni se. Algebra rawn hre thiam ve zelin, pianzia 'boy boy girl' chu A A B emaw  $\uparrow\uparrow\downarrow$  ani tih an rawn hria a. Nambar kalphung hriat chakawm leh pawimawh tak takte mathematics-a an tih dan tur pek a ni.

## Thurûk

Lalrini leh Zomuana chu thurûk an ziak mek a.

3K3H3A3W313A3H3  
3N3G3E3 313  
3A3W3M3



3T3H313N3G3P3U313  
3D3A3W3R3A3H3  
3K3A3 3A3W3M3



An thil sawi tum khi i hre thei em?

A hnuaia mi hi thurûk pahnih a ni a. A ziarang ngun taka enin eng thu nge zawng chhuak rawh.

1K2A3H4M5A6N7G8A9I10H11C12H13E14

ALBECHDKEHFAGBHUI

JTKHLAM NTOAPKQ RAS TNUIV

Tunah chuan nangmahin thurûk han siam teh le.

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## Nambar kawpkim (even) leh kawpkim lo (odd) nambar ziarang

91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

Nambarte chanve te hi a engah an awm a. Heng nambar-ah te hian eng ziarang nge i hmuh? He ziarang hi chhunzawm la, a awlte hi dah khat ang che:

96, 98, \_\_, 102, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

Engtia thui nge he ziarang hi i chhunzawm theih?

Heng nambarte hian hming bik an nei a. Nambar kawpkim (even numbers) an ti.

Even number eng pawh hi 3 emaw 5 emaw a tawp a awm em?

Even number te chu a tawpah eng nambarte nge awm le?

Nambar pawla inziak ziarang khi en la. Khi ziarang khi chhunzawmin a awlte hi dah khat ang che.

99, 101, \_\_, 105, 107, \_\_\_\_\_, \_\_\_\_\_,

Nambar pawlte hi eng nambartein nge a tawp?

Nambar zawng zawng 1, 3, 5, 7 emaw 9 emawa tawp chu nambar kawpkim lo (odd number) a ni.

400 leh 410 inkara odd numberte ziak chhuak rawh.

Odd number engah pawh 1 hi kan belh chuan \_\_\_\_\_ (even/odd) number a chhuak.

Even number engah pawh 1 hi kan belh chuan \_\_\_\_\_, (even/odd) number a chhuak.

Even number leh odd number i belhin eng nambar nge chhuak le?

### Hming indawta rem

Adil-a chuan a hnuai hmingte hi an hming bul hawrawpte a, aw, b indawt dana rem a tum a. Hming bul A-a inñan chu a hmasa berah, chutah B, C leh D. Chutiang zel chuan heng hmingte hi nambar pe rawh.

Sharada	<input type="checkbox"/>	Mahadevan	<input type="checkbox"/>	Taitesena	<input type="checkbox"/>	Adil	<input type="checkbox"/>
Gurinder	<input type="checkbox"/>	Baichung	<input type="checkbox"/>	Harsha	<input type="checkbox"/>	Raja	<input type="checkbox"/>
Narayan	<input type="checkbox"/>	Kavita	<input type="checkbox"/>	Warsha	<input type="checkbox"/>	Elvis	<input type="checkbox"/>
Jalaj	<input type="checkbox"/>						

Jalaj chu hming dangdai bik tak a neih avangin a inchhuang hle a. A let zâwnga chhiar pawhin a ngai reng a la ni a.

A hnuai hmingah hian chutiang chu a awm em thai rawh.

Harsh, Anna, Kanak, Munna, Ongbi

# 11 Jug leh No



0325CH11



## Sazupui chungkuaa inneihna

Sazupui chungkuaah hian inneihna a awm a. Ṭhian tam tak an sawm a -sakhi, zawng, sai, zawhte, ui, chhimitir, sihal, sanghawngsei leh chêpa te pawh an tel a. A lo kal apiang chu in tur tui tak no khat ṭheuh an lo pe a. An vai mai chuan tui an ti em em vek a. Mahse heng nungcha te deuh ṭhenkhat \_\_\_\_\_, \_\_\_\_\_ te chuan no khat an in zo thei lova. Mahse \_\_\_\_\_ chuan no 1 chu a in zo thei a.

Ṛhenkhat, heng \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ te chuan no 1 aia tam an dil a.

Chutah buaina a inṭan ta!!!

A lian deuhhote chuan novin an tlâk pup pup mai a...!

Sazupui chuan an in theih zat hriat a duh ta tlat mai a.

Table hi han dah khahpui teh.



<i>An in zât</i>	<i>Inleng hming</i>
No 1 aia tlêm	_____
No 1 aṭanga no 5	_____
No 5 aṭanga no 10	_____
No 10 aia tam	_____

### Tui kan in leh paih chhuah

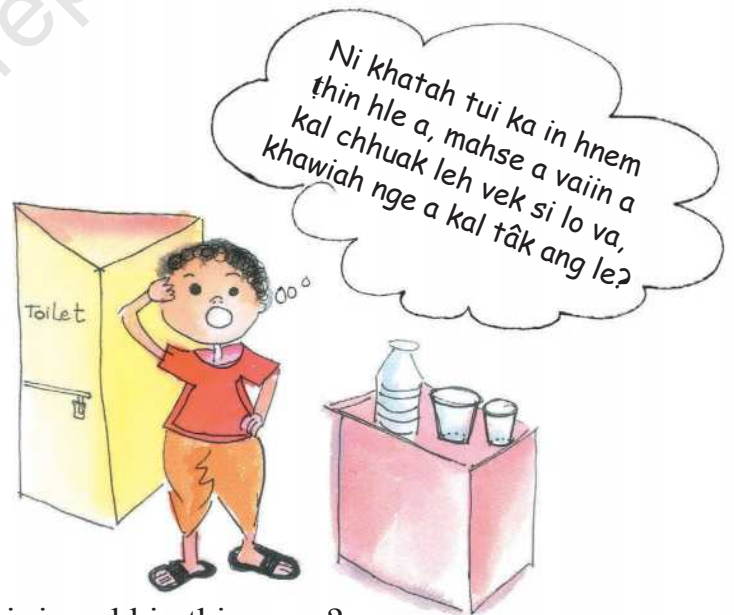
Laddu-a ang hian i ngaihtuah ve ngai em?

Ni khatah tui no eng zat nge i in thin?

Nipui laiin : No \_\_\_\_\_

Thlasik laiin: No \_\_\_\_\_

I taksa aṭanga tui chhuak tam lam kha i ring chhin thiam em?









## Bottle leh Bucket

Litre 1 dawng bottle la la. In ina mi tui dah theihna chi hrang hrang, no lian te, bel te, bucket te, thirbêl te leh a dang te la khâwm bawk la. Bottle hmang chuan litre 1 aia tam dawng leh a aia tlem dawngte zawng chhuak rawh. I duh chuan a lem ziak ang che.



<i>Litre 1 aia tlem</i>	<i>Litre 1 aia tam</i>
bowl 	bêl lian 



In bucket-hote kha han en la.

Tui litre eng zat nge an dawn ang han ring chhin teh.

Litre 1 dawng bottle hmangin i rin dik leh dik loh fiah ang che.

Bucket	Ka rin dan	Ka teh chhuah
Bucket 1		
Bucket 2		
Bucket 3		

Dik takin mil rawh

Han ring teh!



Litre 12 vel



(bawnghnute tehna)

Litre ½ aia tlem



(tuizêṃ)

Litre 5 vel



(bucket)

Litre 1000



(mit thlawr bûr)

Litre ½



(tui chhawpna)

**Tu tui chhawpna nge dawng hlâwk zawk?**

Naima-i leh Jeetu-a hian eng nge ni an tih?

Naima-i chuan tui chhawpnaah tui no 1 a chhûn chuan hetiang hi a ni a.



Naima-i chuan tui chhawpna khat tur chuan tui no 3 chhûn la ngaiin a ring a.  
Nang eng nge i ngaih ve dan le? \_\_\_\_\_

Jeetu-an tui chhawpnaah tui no 1 a chhûn chuan hetiang hi a ni a.



♥ Tu tui chhawpna nge dawng hlâwk zawk? \_\_\_\_\_

♥ Tui chhawpna tikhat turin Jeetu-a chuan tui no eng zat nge a chhûn la ngai ang? \_\_\_\_\_

♥ Jeetu-an tui no khat a chhûn leh chuan tui chu tui chhawpna \_\_\_\_\_ vel a ni ang.

## Bêla tui chhûn khah

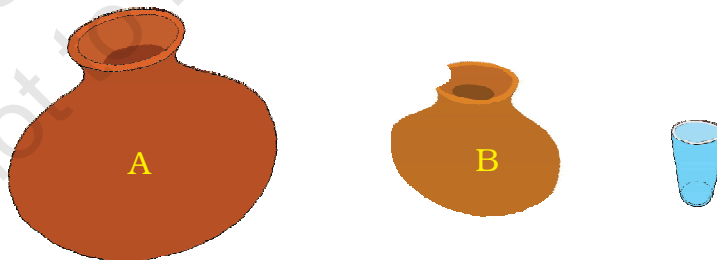
Naseem-i leh Abdul-a te chuan an bêl chu tuia chhûn khah an tum a. Bêl pahnihte chu a len zâwng a intiatin a rit dîn hle a. An bottle chu tui herh chhuahnaah chuan va tikhatin bêlah chuan an chhûng thîn a. Chutiang chuan vawi eng emaw zât an ti a.



Naseem-i chuan a bottle chu vawi 16 lai a thun a. Mahse Abdul-a chuan vawi 8 chauh a thun thung.

- \* Eng vangin nge Naseem-i chuan Abdul-a aia a thun tam zawk?
- \* Naseem-i bur dawn hlâwk zâwng chu Abdul-a bur dawn hlâwk zâwng \_\_\_\_\_ (lêt hnih/chanve/lêt thum) a ni.

No eng zat nge?



Bêl B-ah hian tui no 11 a leng a. Bêl A hian Bêl B dawn lêt hnih a dawng bawk a. Bêl A tikhat turin tui no eng zat nge ngai? \_\_\_\_\_

Naupangte chuan in lam thil tuiril an tehma leh an dahna bur tet leh len zâwng an khaihinnate classroomah sawi hotir a pawimawh. Heng thumal 'no khat', 'tîn khat', etc. te hmanna remchang an nei ang. Tui teh chungchangah 'chanve (half)' leh 'a vawi li (four times)' awmzia an hriain litre khat tam zâwng an hre thuak ang.



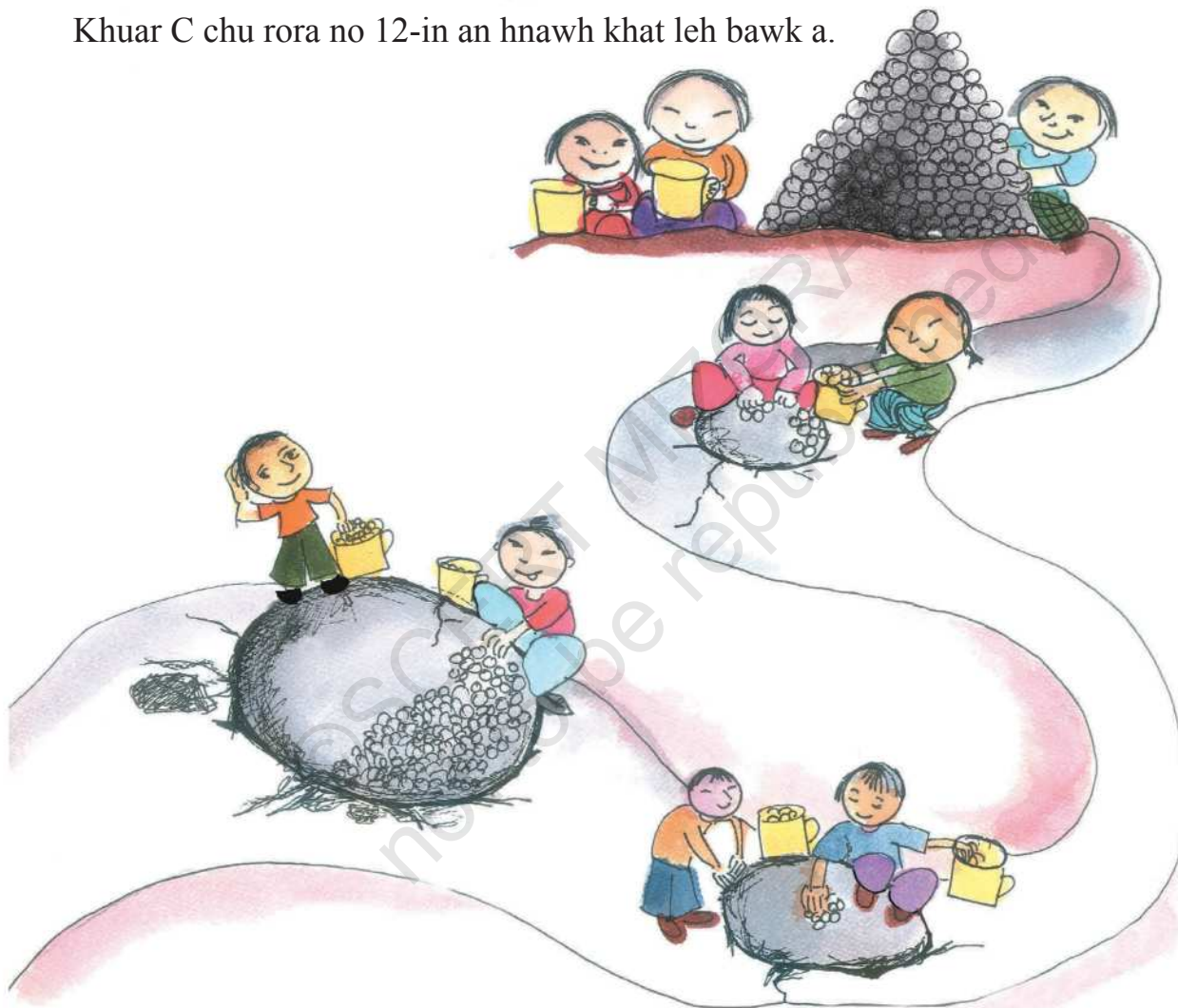
## Khuar hnawh khah

Kohima khaw bula khaw te tak tê kalkawngah chuan khuar a awm thluah mai a. Naupangte chuan ruah sîr hmaa rora-a hnawh khah an duh a. Rora chu nopui, a len zâwng inang vekin an thiar ta a.

Khuar A chu rora no 9-in an hnawh khat a.

Khuar B chu rora no 18-in an hnawh khat leh a.

Khuar C chu rora no 12-in an hnawh khat leh bawk a.



♥ A lema khuarte khi A, B leh C, tiin dik takin chhinchhiah rawh.

♥ Khawi khuar nge lian ber? \_\_\_\_\_

♥ Nopui an hmanin khuar A chu vawi 5 chhûn a ngai a. ? \_\_\_\_\_

Khuar B hnawh khat turin òin te vawi eng zat nge chhûn ngai ang? \_\_\_\_\_

12

## Kan Insem Thei Em?

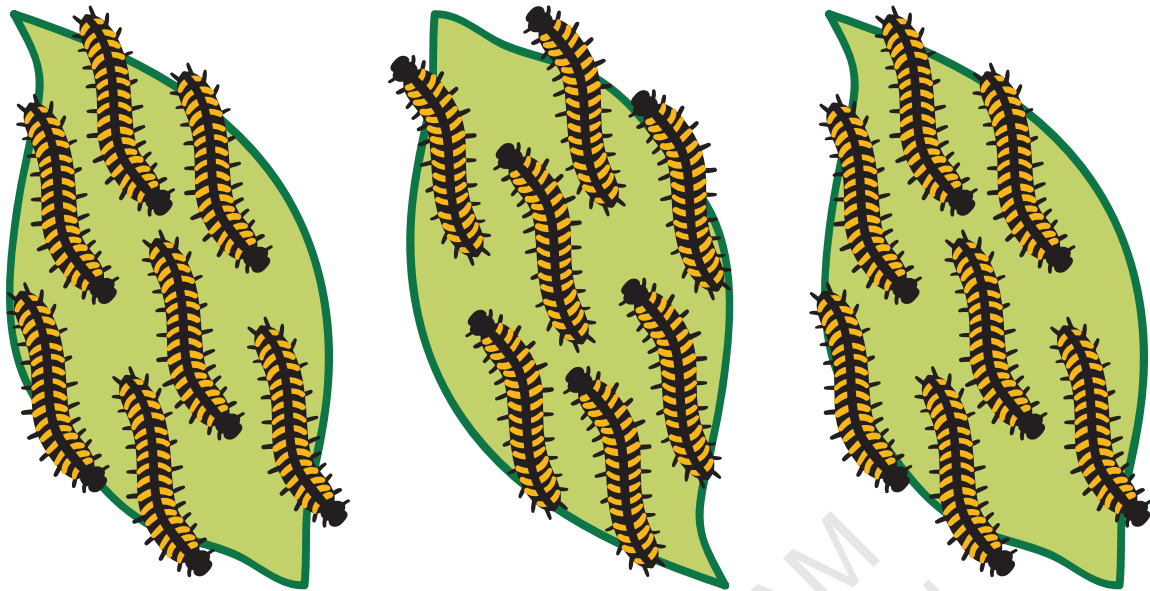


0325CH12

Hmun khatah eng zat nge awm?



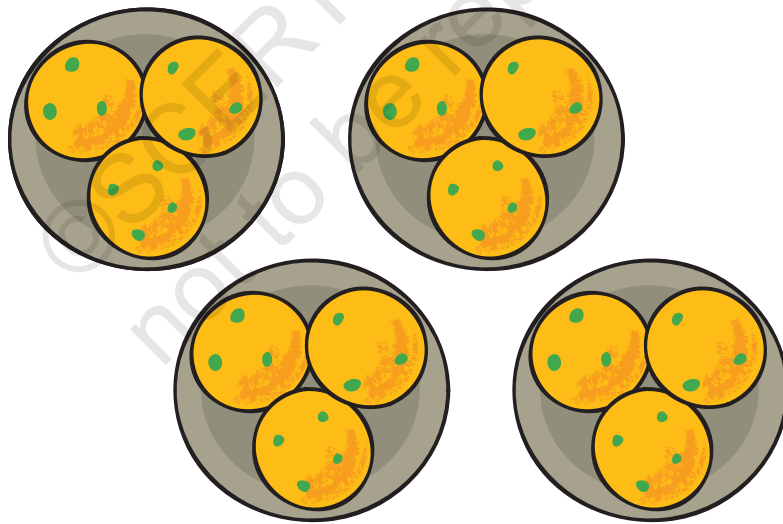
- ◆ Phêngpêhlelep 10 a awm.  
Hmun 2-ah then a ni.  
Hmun khatah phêngpêhlelep 5 zel a awm.



◆ Pangang \_\_\_\_\_ a awm.

Hmun \_\_\_\_\_ ah then a ni.

Hmun khatah pangang \_\_\_\_\_ a awm.



◆ Chhang \_\_\_\_\_ a awm.

Hmun \_\_\_\_\_ then a ni.

Hmun khatah chhang \_\_\_\_\_ zel a awm.

◆ Arsi lem 18 ziaak la.

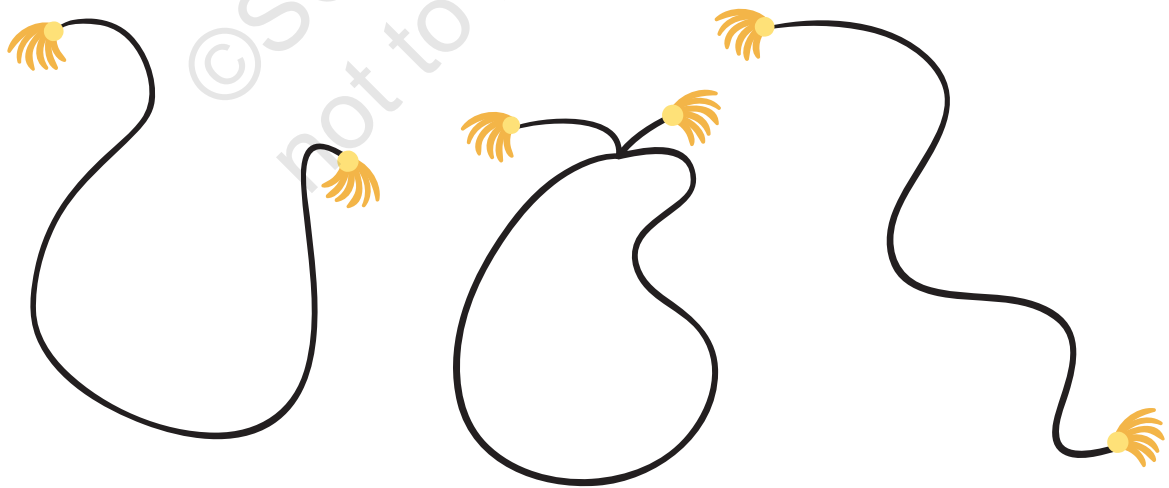
Inzat chiahin hmun hnihah then rawh.



Hmun khatah arsi \_\_\_\_\_ a awm.

◆ Thi fang 18 ziaak la.

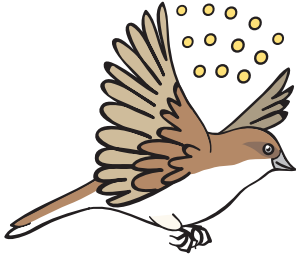
Inzat chiahin hmun thumah then rawh.



Hmun khatah thi fang \_\_\_\_\_ a awm.



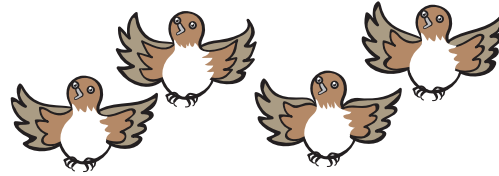
## Buhfang in sem



Sava puiin buhfang 12 a chhar a.

A notête hnenah inzât ðheuhvin engtin nge a sem ang?

Savapui chuan buhfang chu pakhat ðheuhvin a notête chu a pe a.



Chutah buhfang pakhat ðheuh a pe leh a.



Sava notête chuan fang 2 ðheuh an lo nei ta a. Buhfang eng zât nge la bâng? \_\_\_\_\_

Buhfang khat ðheuh a notête chu a han pe leh a.

Buhfangte chu a sem zo ta vek a.



Buhfang 12 chu sava note 4 hnenah chuan inzât ðheuhvin sem a ni a. Sava note pakhatin buhfang 3 zel a chang.

$$12 \div 4 = 3$$

**Han ti ve teh le...**

- ◆ Gopu chuan jalebi plate 3 a nei a.  
Plate tina jalebi awm zât chu a inang lo vek a.

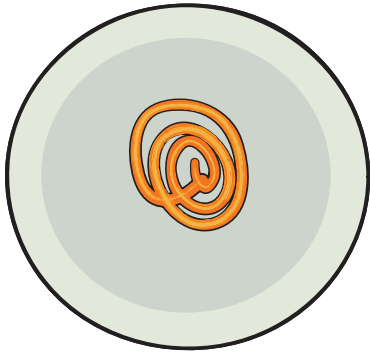


Plate A

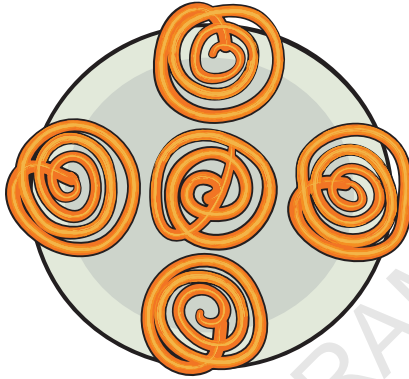


Plate B

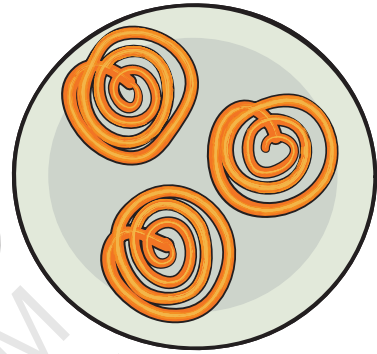


Plate C

A hnuaiia plate-ahte hian a chungu jalebi-te khi inzât veka awm turin a lem ziaak rawh.

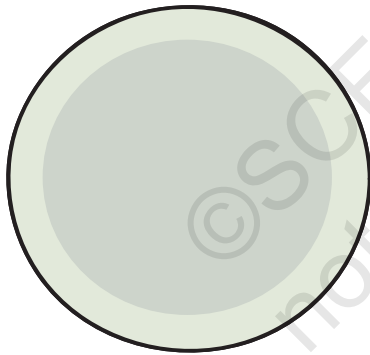


Plate A

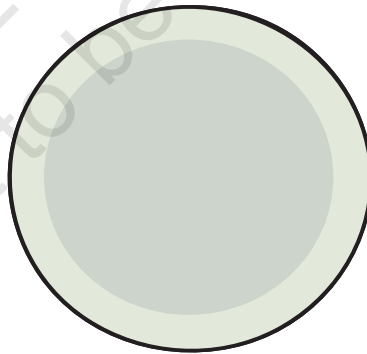


Plate B

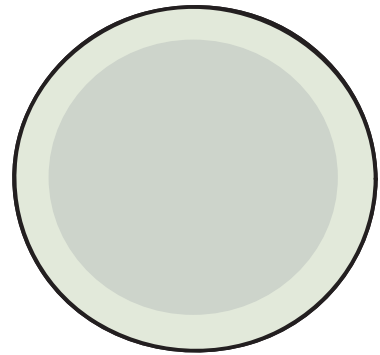
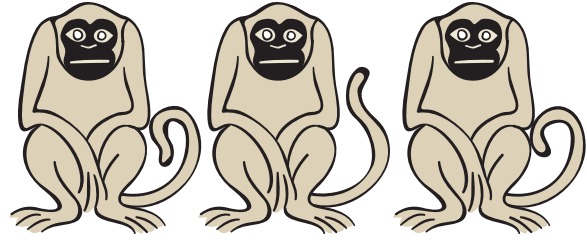


Plate C

A vaiin jalebi eng zat nge awm? \_\_\_\_\_  
Plate pakhatâh jalebi eng zat zel nge awm? \_\_\_\_\_  
A chhanna in hmuh chhuah dan sawi ho ang che u.

## Inzâta sem

◆ Balhla paruk a awm a.

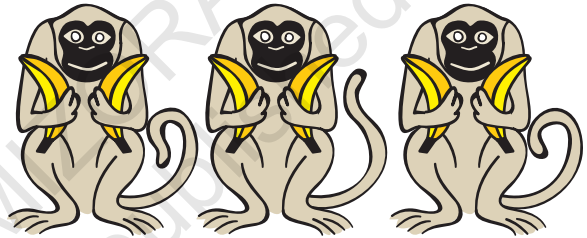


Zâwngte pathum an awm bawk a.

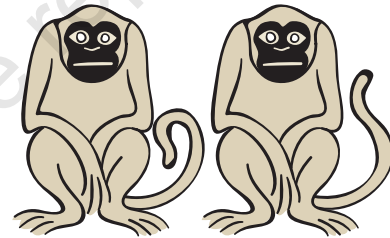
Balhla hi inzât theuhva an insem chuan 2 theuhvin an chang ang.

Balhla 6 inzât theuhva hmun 3-a sem = Balhla 2 zel

$$6 \div 3 = 2$$



Balhla paruk leh zâwngte



pahnih awm ta se.

Zâwngte pakhatin balhla 3 a chang ang.

Balhla  $6 \div 2 =$  balhla 3 ve ve

$$6 \div 2 = 3$$



Naupangte chu thil inzât chiahin insem tir la, chu chu sem ziak danin ziah tir rawh.

Balhla 60 leh zâwngte 2 awm ta se, zâwngte pakhatin eng zat nge a chan ang?

Balhla \_\_\_\_\_ .



Balhla 600 leh zâwng 2 awm ta se?

- ◆ Thianho 5 hian cheng 5 thir hlrir 10 hi an chhar a.

A inzât theuhvin an insem a. Pakhatin cheng 10 zel a chang ang.

$$50 \div 5 = 10$$

Cheng 10 hlrir 16 hi thian 4-in insem ta se

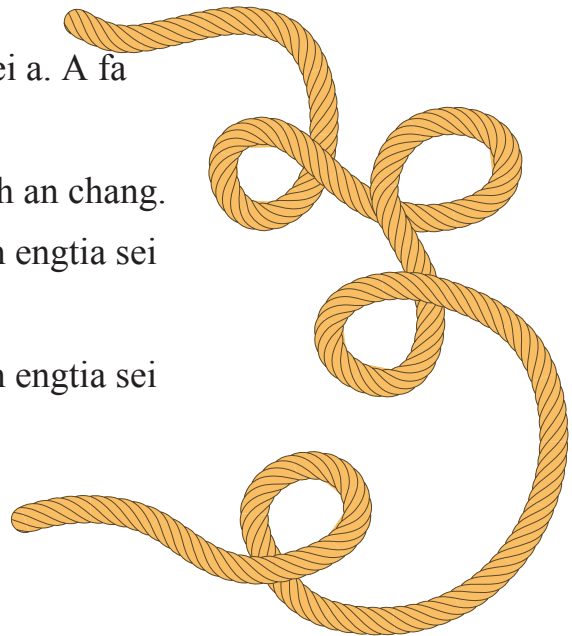
$$16 \div 4 = \underline{\quad\quad} \text{ leh } 4 \times 10 = 40$$

Mi pakhatin chêng \_\_\_\_\_ a chang ang.

Thian 5-in ₹ 100 an chhar a. Inzât t̄ heuhvin insem ta se, pakhatin chêng eng zat nge a chan ang? \_\_\_\_\_



- ◆ Hari Prasad-a chuan hrui 30m-a sei a nei a. A fa 3-te hnenah inchen vekin a sem a. A fate chuan hrui \_\_\_\_\_ m-a sei theuh an chang. Hrui chu 36m-a sei ni ta se, a fate chuan engtia sei theuh nge an chan ang? \_\_\_\_\_ Hrui chu 60m-a sei ni ta se, a fate chuan engtia sei theuh nge an chan ang? \_\_\_\_\_





### Chhuar eng zat nge?

Lehkhabu 20 ka nei a. Chhuar pakhatatah lehkhabu 5 zel ka dah thei a. Chhuar eng zat nge ka mamawh?

Chhuar pakhatnaah lehkhabu 5.

Lehkhabu 15 a la bâng.



Chhuar pahnihaah lehkhabu 5 bawk.

Lehkhabu 10 a la bâng.



Chhuar pathumnaah lehkhabu 5 bawk.

Lehkhabu 5 a la bâng.



Chhuar palinaah lehkhabu 5 bawk.

Lehkhabu 20 chuan chhuar 4 a aw h zo chia h chia h. Lehkhabu 20, panga zela dah chuan chhuar pali a aw h.



Hemi phek leh a daw t chia hah hian group hrang hrang te inzât chia ha thil an insem dan dah a ni a. Entir nan, a chungah khian lehkhabu panga theuh nei chhuar siam a ni.

◆ Hei hi i han ti dawn teh ang.

Kawrkilh 28 a awm a.



Puanthuiin kawr pakhtatah 4 zel a vuah a.

Tichuan, kawr 7-ah a vuah zo chiah chiah a.



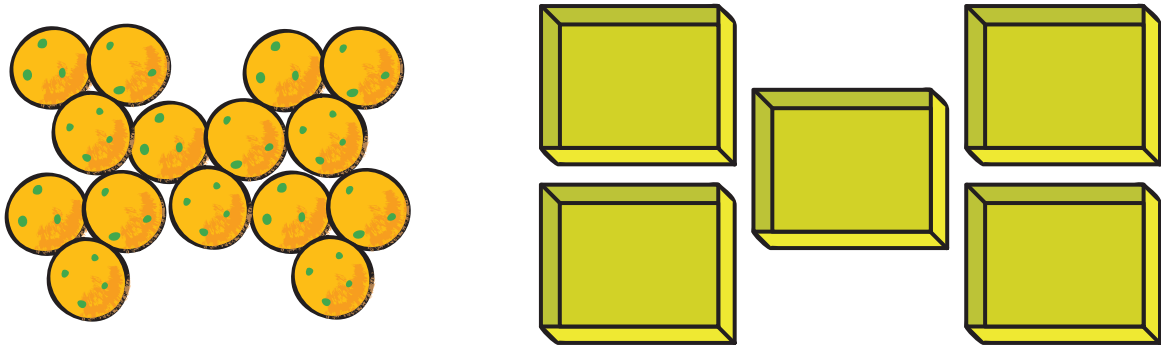
$$28 \div 4 = 7$$

Kawrkilh 28 hi puanthuiin kawr pakhtatah 7 zel vuah ta se. Kawr \_\_\_\_\_  
ah a vuah zo chiah chiah ang.

$$28 \div 7 = \underline{\hspace{2cm}}$$

## Tih ve tur

1. Minku-i chuan a chhang 15 chu bâwm 5-ah inzât ðheuhvin a dah a.



- (i) Bâwm pakhatat chuan chhang eng zat zel nge awm ang?  
Bâwm pakhatat chuan chhang \_\_\_ zel a awm ang.

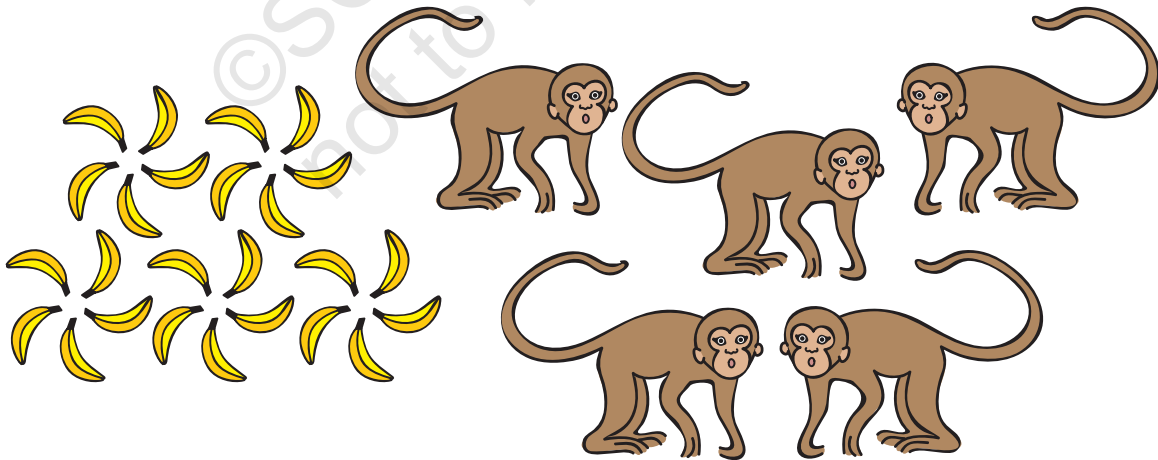
$$15 \div 5 = \underline{\quad}$$

- (ii) Bâwm 3-ah dah ta se, bâwm pakhatat chhang eng zat zel nge awm ang?

Bâwm pakhatat chuan chhang \_\_\_ zel a awm ang.

$$\underline{\quad} \div 3 = \underline{\quad}$$

2. Balhla 25 hi inzât ðheuhvin zâwngte 5 hnenah sem ta la, zâwngte pakhatin balhla eng zat nge a chan ang ?



$$\underline{\quad} \div 5 = \underline{\quad}$$

Zâwngte pakhatin balhla \_\_\_\_\_ a chang ang.

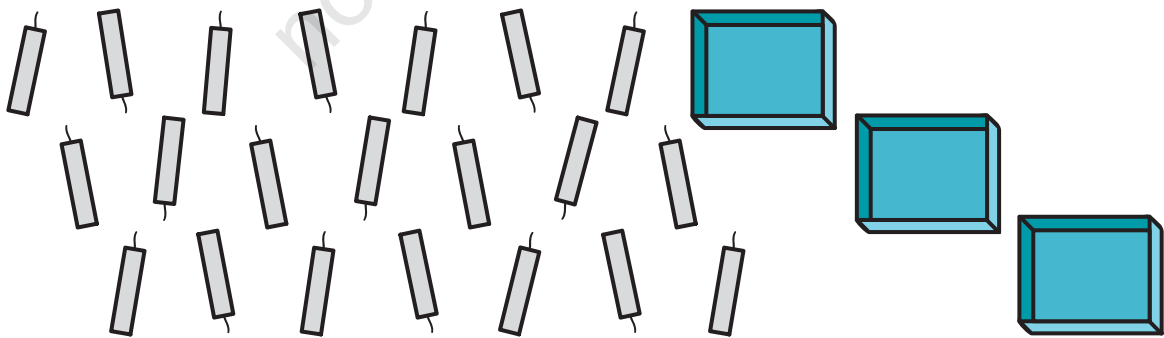
3. Balloon 12 hi naupang 3 hnenah inzât theuhvin sem la. Naupang pakhatin balloon eng zat nge a chan ang??



$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad}$$

Mipa naupang pakhatin balloon \_\_\_\_\_ a chang.

4. Bati 21 a awm a. Inzât theuhvin bâwm 3-ah hian dah ta la, bâwm pakhatah bati eng zat zel nge awm ang?

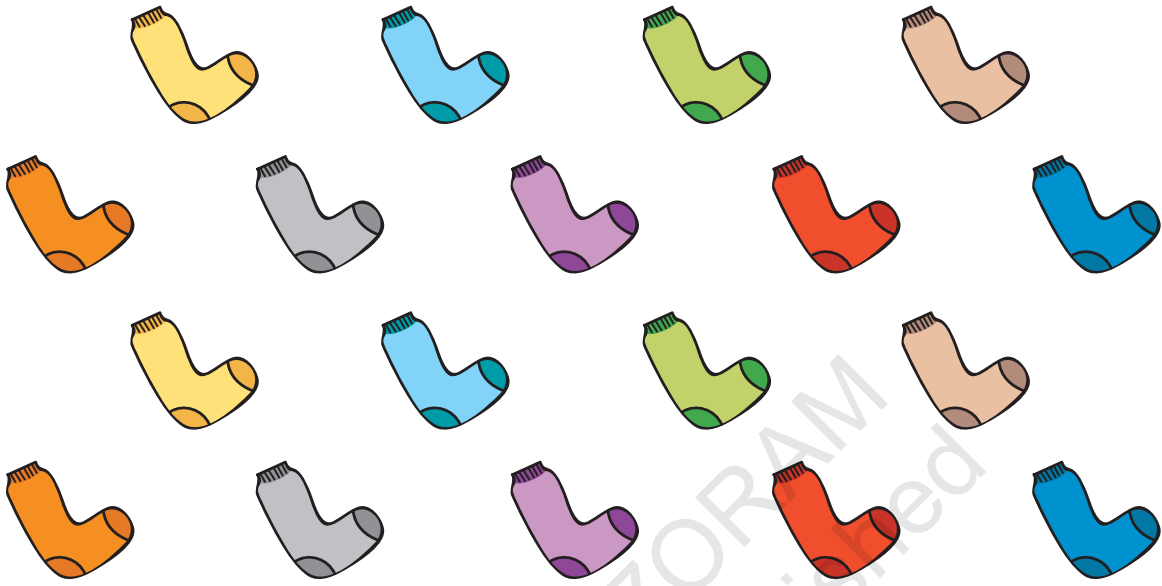


$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad}$$



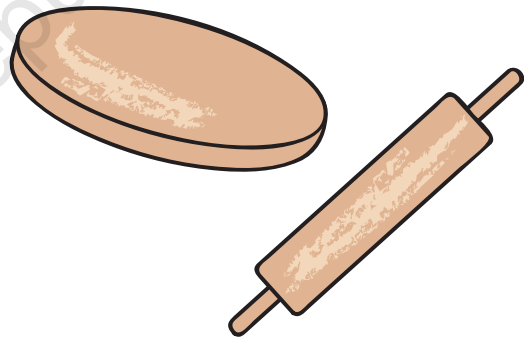
5. Mawza 18 a awm a.

Bun eng zat nge a daih ang?



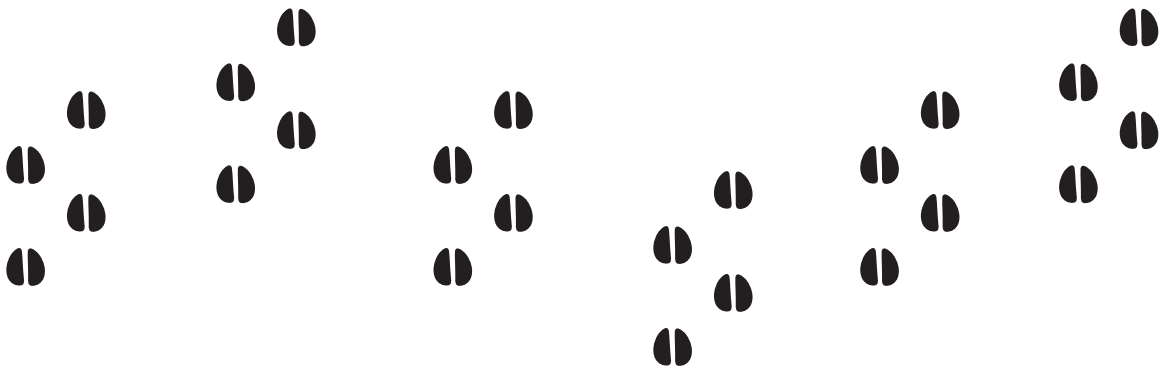
6. Raj chuan roti siam nan minute 36 hun a nei a. Roti 1 siam nan minute 3 a ngai a. Roti eng zat nge a siam hman ang?

Roti \_\_\_\_\_ a siam hman ang.



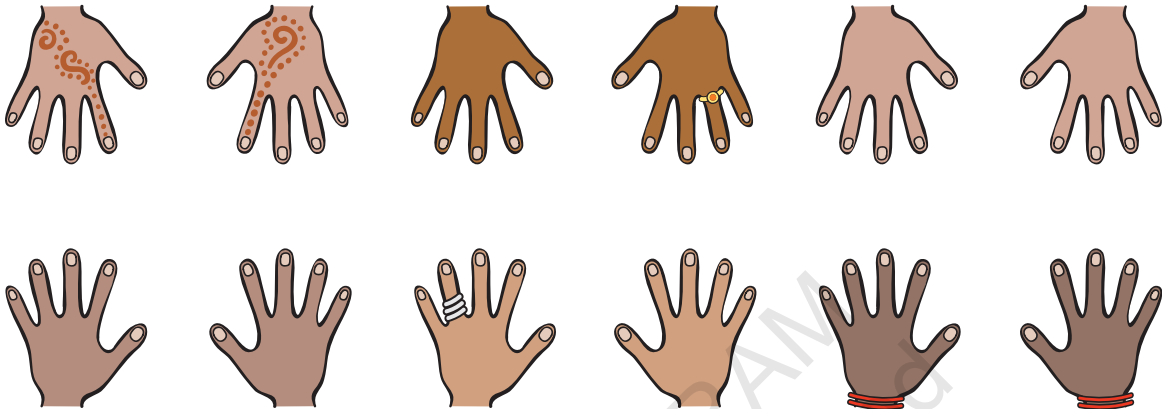
7. Kêl hniak 24 a awm a.

Kêl eng zat nge awm?



8. An kut khing hnih hmangin hmeichhe naupang an infiam a.

An kut zungtang zawng zawng chu 60 a ni a. Hmeichhe naupang eng zat nge infiam?



9. Hmangaihi chuan alu kg 27 hralh tur a nei a.

Mi pathum in inzât theuhvin an leisak a.

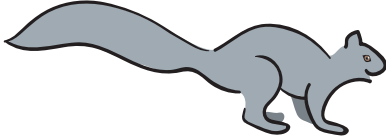
Mi pakhat in alu kg \_\_\_\_\_ a lei.



## Nungcha zuang chi



Uṭawk chuan wawi 1 zuanah step 2 a zuang.



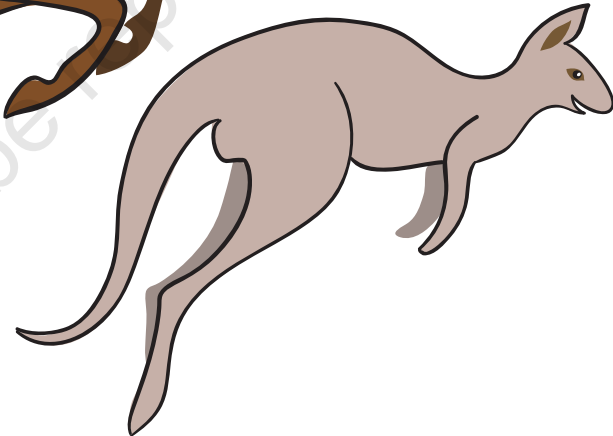
Thehlel chuan step 3 a zuang.



Sazupui chuan step 5 a zuang.



Sakawr chuan step 15 a zuang.



Kangaroo chuan step 30 a zuang.

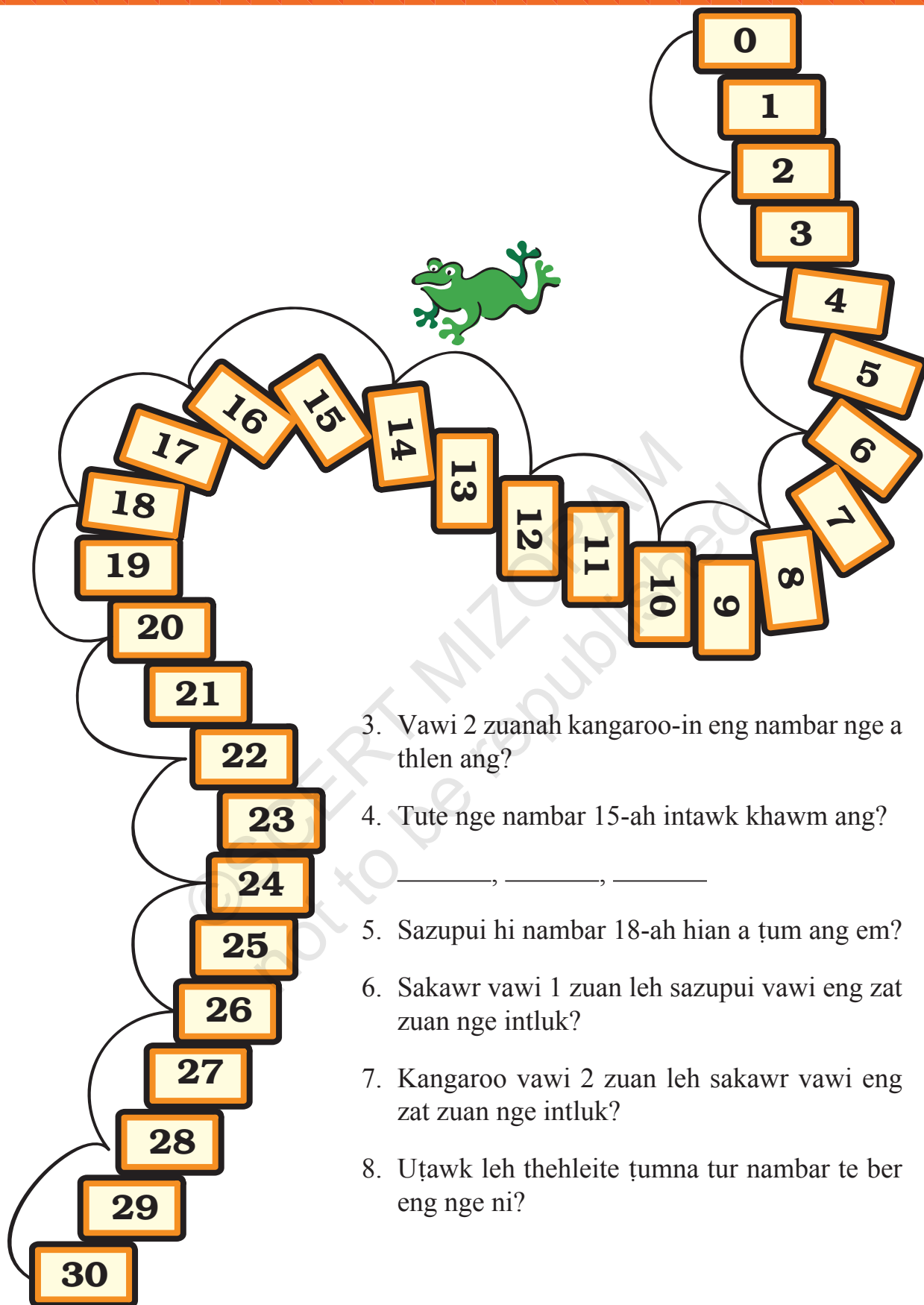
Phêk lehlam a kawng hi a hnuaia mite zawn chhuah nan hmang rawh.

1. Wawi eng zat zuanah nge uṭawkin 30 a thlen ang??

$$30 \div 2 = \underline{\hspace{2cm}}$$

2. Wawi eng zat zuanah nge thehleiin 27 a thlen ang?

$$27 \div 3 = \underline{\hspace{2cm}}$$



3. Vawi 2 zuanah kangaroo-in eng nambar nge a thlen ang?
4. Tute nge nambar 15-ah intawk khawm ang?  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
5. Sazupui hi nambar 18-ah hian a tum ang em?
6. Sakawr wawi 1 zuan leh sazupui wawi eng zat zuan nge intluk?
7. Kangaroo wawi 2 zuan leh sakawr wawi eng zat zuan nge intluk?
8. Uṭawk leh thehleite tumna tur nambar te ber eng nge ni?



## Engtiang chiaha rang nge i nih le?

- ◆ 2 hmun hmangin 2 zelah then rawh.

$18 \div 2 =$	9	Kawhhmuhna $2 \times 9 = 18$
$18 \div 9 =$	2	
$16 \div 2 =$		
$20 \div 2 =$		
$\div 2 =$	7	
$\div 2 =$	10	
$8 \div$	4	
$\div 2 =$	5	

- ◆ 5 hmun hmangin 5 zelah then hrang rawh.

$10 \div 5 =$		Hint: $5 \times 2 = ?$
$20 \div$	4	
$15 \div 5 =$		
$40 \div$	8	
$20 \div 5 =$		
$\div 5 =$	6	
$25 \div 5 =$		
$\div 5 =$	3	
$35 \div 5 =$		
$\div 5 =$	2	

- ◆ 10 hmun hmangin 10 zelah then hrang rawh.

$20 \div 10 =$		
$30 \div 10 =$		
$40 \div 10 =$		
$50 \div 10 =$		
$40 \div$	4	
$\div 10 =$	8	
$\div 10 =$	5	
$\div 10 =$	3	
$\div 10 =$	2	
$60 \div$	6	

Sem chawh nana puntir thiam tangkaina naupangte chu zirtir tur a ni. Tichuan sem an chawhin an rilruin an chhut zung zung thei dawn a ni.

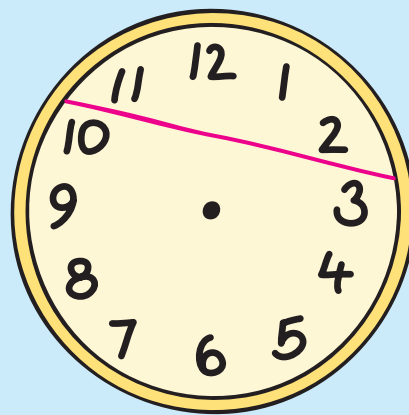
◆ Han ti ve teh le.

4	÷	=	2	
14	÷	7	=	
6	÷	3	=	
	÷	2	=	7
	÷	2	=	3
15	÷	3	=	
8	÷	4	=	
15	÷	5	=	
8	÷		=	4
	÷	2	=	8

9	÷	3	=	
18	÷	9	=	
	÷	2	=	5
20	÷	5	=	
12	÷	4	=	
20	÷	4	=	
12	÷		=	2

PUZZLE

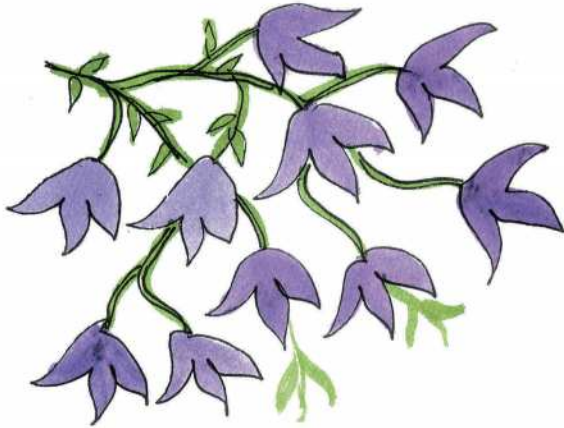
A ðen hrang hranga  
 nambar awmte belh chhuak  
 inang vek turin sana hmai  
 hi hmun 3-ah ðen rawh.



# 13 Chart Changkang!



0325CH13



## Pangpar rawng chi hrang hrangte

Pangpar huanah i kal tawh ngai em?

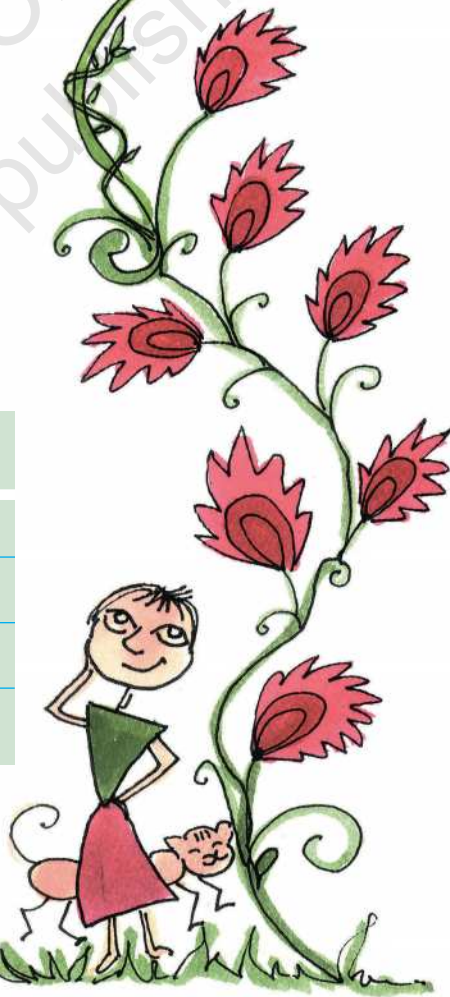
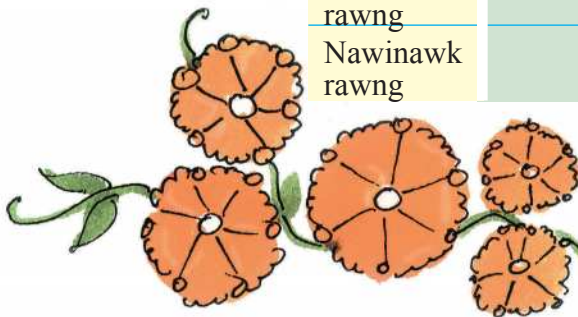
Pangpar eng rawngte nge i hmuh thin?

Pangpar te chu a eng deuh vek a ni em le?

A lema pangpar chi hrang hrangte hi en la.

Table hi han dah khat teh:

<i>Pangpar Rawng</i>	<i>Pangpar zat</i>
A pâwl	
A sen	
Serthlum rawng	
Nawinawk rawng	



*Pangpar lem ziak dik la. A zât ziak bawk rawh.*

- a) \_\_\_\_\_hi a tam ber. Eng zât nge?\_\_\_\_\_.
- b) \_\_\_\_\_hi a tlêm ber. Eng zât nge?\_\_\_\_\_.
- c) \_\_\_\_\_hi \_\_\_\_\_ aiin a tam zawk.
- d) \_\_\_\_\_hi \_\_\_\_\_ aiin a tlêm zawk.



### **Kawngpuiah hian eng thil nge kan hmuh le?**

A lema lirthei leh mihring che vel enin table hi dah khat rawh.



He zirlai hi mathematics peng pawimawh tak data chungchang naupangte hmelhriat tirma a ni a. Primary school tawp lamah hi chuan data lak khawm te, chhinchhiah te, bar chart leh table hmanga en tir te leh a kalphung leh awmzia hriat ve a tul tawh a. Heng data-te hi naupangten a taka an tawnhriat atangin zirtirtuin tam tak a la khawm thei a ni. A chung a mi pawh hi thil thliar hran zir nan a hman theih a, entir nan: pangpar par parh lai lem zat.





<i>Kal velna</i>	<i>A zât</i>
Mihring kea kal	
Thirsakawr	
Scooter	

**Heng zawhnate hi chhang rawh.**

- a) A lemah hian eng hmanga veivak nge tam ber? \_\_\_\_\_
- b) Eng lirthei hi nge i hmuh tlem ber? \_\_\_\_\_
- c) Mihring kea kal zat chu \_\_\_\_\_ zat aiin an tam.
- d) Bus chu \_\_\_\_\_ aiin a tlem zawk.




**Vawi eng zat nge i vawr chhuah?**







Vawrlung hmangin in infiam tawh ngai em?

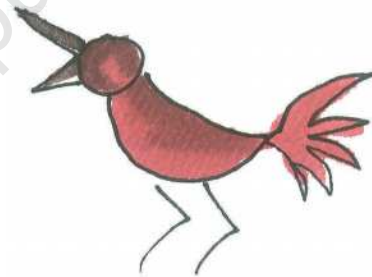
Vawrlung hmai hrang hrangah hian chhunhan eng zat nge awm le?





- \* Vawrlung chu han vâwr chhin teh u.
- \* I vâwr chhuah hmaiah chuan chhunhan eng zat nge awm en la.
- \* I vâwr apiangin table-a i vâwr chhuah nambar zawnah (/) hi thai zel ang che.
- \* Vawi 30 vâwr la, table-ah hian chhinchhiah zel ang che.

Entirnan: Remsiam chuan vawi 20 a vâwr a,  hi vawi 5 a vâwr chhuak a, table-ah chuan   tiin a chhinchhiah a.

<i>Vâwrlung hmai</i>	<i>Chhuak zat (/ hi vawi 1 vâwrah)</i>
	
	
	
	
	
	



- Eng hmai nge i vawr chhuah ngun ber? \_\_\_\_\_
-  hi vawi eng zat nge lo chhuak? Vawi \_\_\_\_\_
-  hi \_\_\_ aiin a chhuak ngun zawk.
- I table siam leh i bula thu table siam kha khaikhin la, a danglam em?

## I bul vela mite aṭangin zawng chhuak rawh.

1. I bul vela mite kha thil thlum an ngainat ber zawt la.

Table hi dah khat rawh.

<i>Thil thlum an ngainat</i>	<i>Mihring zat</i>
<i>Jalebi</i>	



A chung table atang khian zawhnate hi chhang rawh.

- Thil thlum ngainatu tam ber \_\_\_\_\_
- Thil thlum ngainatu tlêm ber \_\_\_\_\_
- \_\_\_\_\_ chu \_\_\_\_\_ aiin duhtu an tam zawk.  
(*Thil thlum hming*)      (*Thil thlum hming*)
- \_\_\_\_\_ chu \_\_\_\_\_ aiin duhtu an tam zawk.
- \_\_\_\_\_ chu \_\_\_\_\_ aiin duhtu an tam zawk.
- \_\_\_\_\_ chu \_\_\_\_\_ aiin duhtu an tam zawk.



2. I thiante chu an chhungkuaa chêngho zat zawt la. Table hi dah khat ang che.

Sakawr chêngho zat hi chart ka siam ve duh ang em aw?



<i>Chhungkuaa chêngho zat</i>	<i>Chhungkaw zat</i>
Mi 1	
Mi 2	
Mi 3	
Mi 4	
Mi 5	
Mi 6	
Mi 7	
Mi 8	
.....	

- a) Chhungkaw tam berah chuan mi \_\_\_\_\_ an awm.  
 b) Chhungkhata mi awm tlemna berah chuan \_\_\_\_\_ an awm.  
 c) Mi 4 chenna chhungkaw zat chu \_\_\_\_\_ a ni.





3. Vawiinah i pawlpuiten chawchhûn atan eng nge ei tur an rawn ken? Zawt chhuak la chhinchhiah ang che.

<i>Ei tur</i>	<i>Zirlai zat</i>

- a) Sikul naupang tam berin chawchhun atana an ken ei tur chu \_\_\_\_\_ a ni.
- b) Sikul naupang tlem berin an ken ei tur chu \_\_\_\_\_ a ni.



## Chart hriat thiam

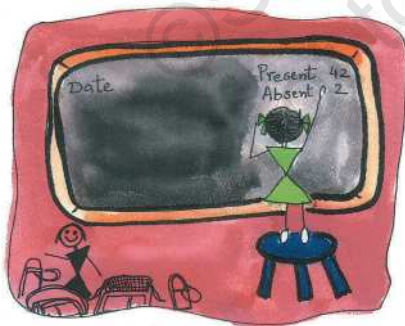
Attendance Chart			
Date 8/2/2014			
Class	Zirlai zat	Zirlai kal zat	Zirlai kal lo zat
Class I	27	25	2
Class II	23	22	1
Class III	24	21	3
Class IV	22	18	4
Class V	25	23	2
Total			



He chart hian class tina zirlai zat a entir a. Zirlai kal zat leh kal lo zat a entir bawk a ni.

- \* Sikula zirlai zawng zawng hi eng zat nge? \_\_\_\_\_
- \* Hemi nia zirlai kal lo zawng zawng hi eng zat nge? \_\_\_\_\_

### Zirlai kal lo chart



Class	Zirlai kal lo zat
Class I	☺ ☺
Class II	☺
Class III	☺ ☺ ☺
Class IV	☺ ☺ ☺ ☺
Class V	

He chart hi zirlai kal lo zat entirna a ni a. Zirlai kal lo pakhat hi ☺ hmanga entir a ni .

- \* Chart ah hian Class V zirlai kal lo zat entir rawh.

*Chart hi enin, a awlte hi dahkhat rawh:*

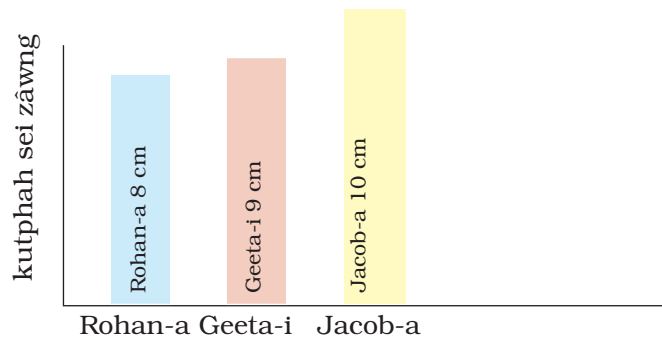
- Zirlai kal lo an tamna ber chu class \_\_\_\_\_ a ni.
- Zirlai kal lo an tlemna ber chu class \_\_\_\_\_ a ni.
- Zirlai 3 an kal lohna chu class \_\_\_\_\_ a ni.
- Class IV leh Class V a zirlai kal lo zat chu \_\_\_\_\_ leh \_\_\_\_\_ a ni.

**I kut kha eng chena sei nge?**

- \* In thian liin ti ho ula.
- \* A hlai lam inang turin lehkha them chep ula.
- \* Lehkha them hmang chuan zirlaite kutphah sei zâwng chu teh ula. Chumi chen chiah chuan lehkha them chu tanin an hming in ziak zel dawn nia.



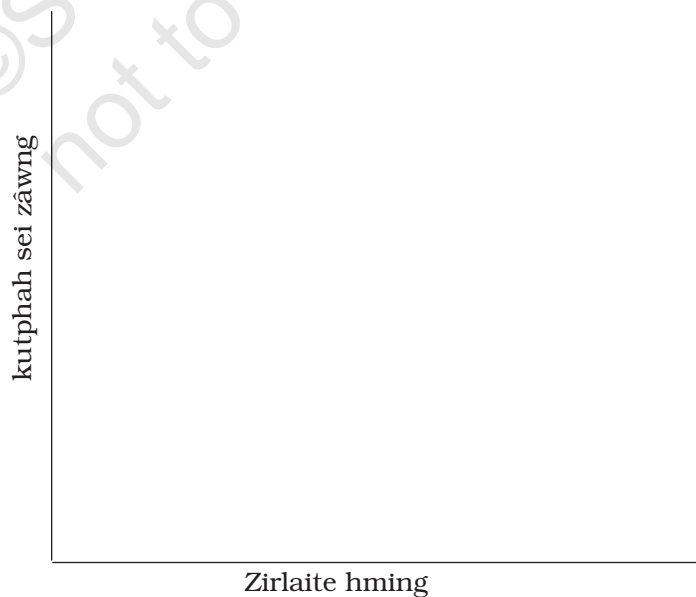
Rohan-a, Jacob-a leh Geeta-i te pawhin an kutphah sei zâwng an teh a. An lehkha them chu tihian an bel a.



***A lem hi en la, a awlte hi dah khat rawh:***

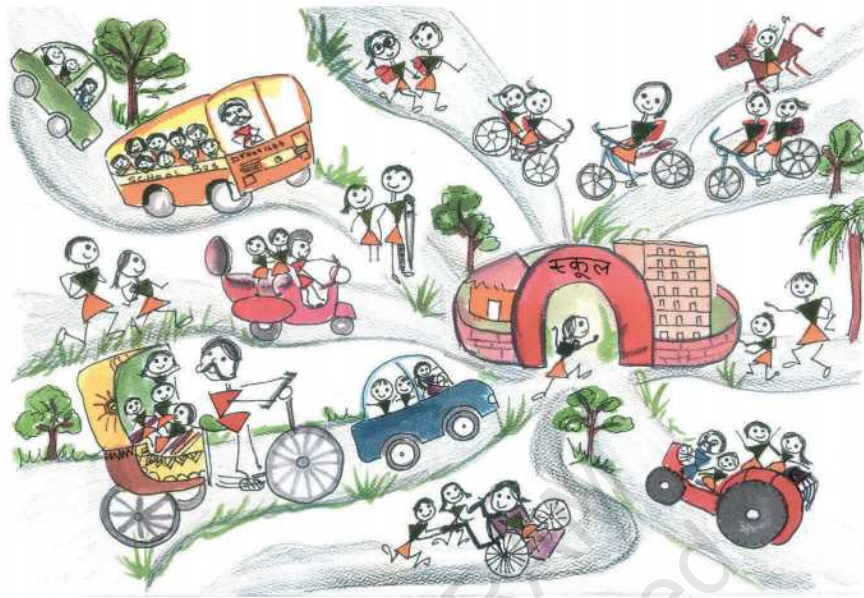
- Jacob-a kutphah chu Geeta-i kutphah aiin a \_\_\_ (sei/tawi) zawk.
- Geeta-i kutphah chu Rohan-a kutphah aiin a \_\_\_ (sei/tawi) zawk.
- \_\_\_\_\_ kutphah a sei ber.
- \_\_\_\_\_ kutphah a tawi ber.

A hnuaiia chart-ah hian in group a i thiante kutphah sei zâwng in cheh thlâk kha bel la. A kar âwl awmin bel ang che..





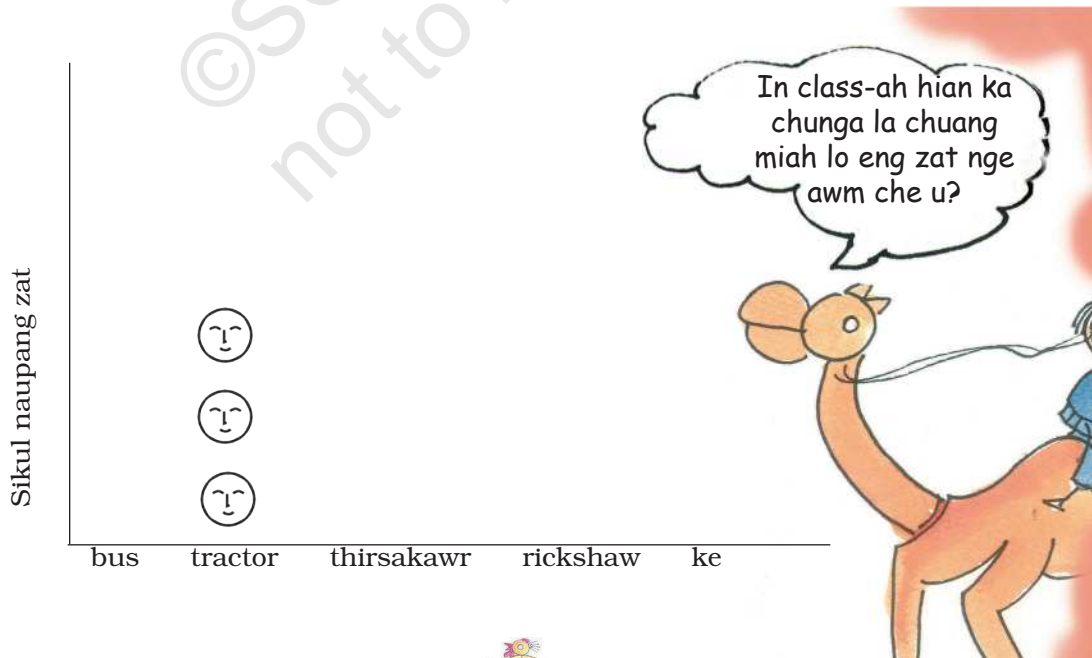
## Zirlai sikula lo kalte



*A lem hi en la, table hi dah khat rawh.*

Sikul kalna	Tractor				
Sikul naupang zat	3				

Zirlai 3 chu tractor-in sikul an kal a. Table-ah 3 kan ziak a. Chart-a tractor chungah hmai lem 3 kan ziak bawk a. Bus te, thirsakawr te leh a dang te hmanga sikul kal zat lantir turin chart-ah hian hmai lem ziak rawh.



*A kar âwlte hi dah khnt rawh:*

- a) Zirlai tam ber chu \_\_\_\_\_ in sikul an kal.
- b) Zirlai kea sikul kal chu thirsakawra sikul kal aiin an \_\_\_\_\_ (tam/ tlem)
- c) Zirlai tlem berten sikul kal nâna an hman chu \_\_\_\_\_ a ni.

Tichuan, hei hi chart tha tak a ni lawm ni? Hetia kan han en mai pawh hian thil tam tak kan hre thei a ni. Hetiang hi chart dang i han siam dawn teh ang.

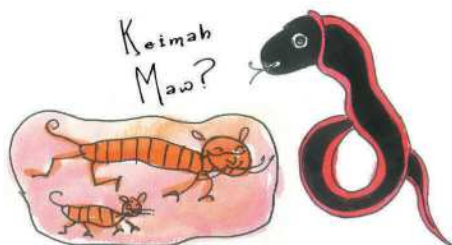
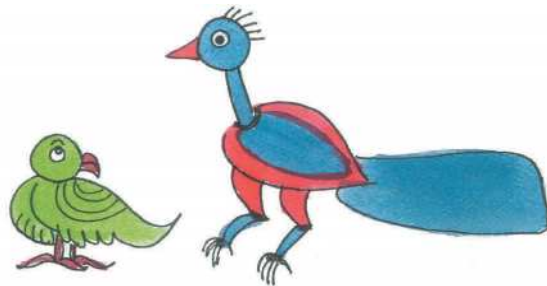


### **Tih tur**

*Hnaivaia thil awmte hmangin chart changkang tak han siam ve teh le.*

*Hetiang hian -*

- \* Eng savain nge rawng chi hrang ngah ber?



- \* Eng ran nge khawi kan duh ber?

## Thlai i ngainat loh!

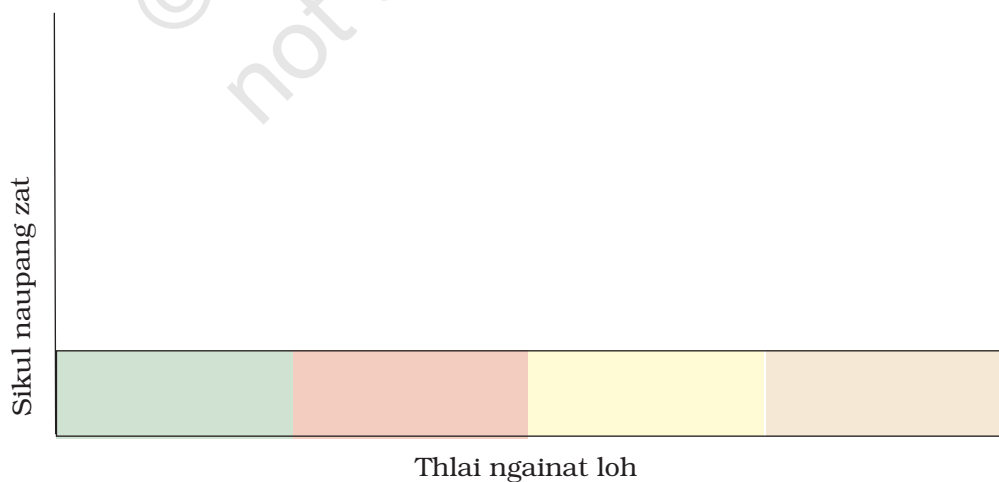
Thlai zingah eng hi nge kan ngainat loh ber? I thiante zâwt la, table hi tikhat rawh.

Thlai ngainat loh	Sikul naupang zat
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____



A hnuai chart-ah hian he table hi a lem en in ☺ entir la. Naupang pakhat zel aiawh turin an thlai ngainat loh chungah ☺ zia ang che.

- \* Thlai an ngainat loh ber chu \_\_\_\_\_ a ni.
- \* Naupang tlênte chauhvin an ngainat loh thlai chu \_\_\_\_\_ a ni.





0325CH14

14

# Chêng leh Pawisa Nawi

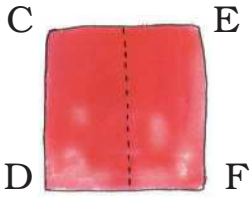


Pawisa nawi ka khaw! Teuh va, mahse pawisa ip ka nei si lo.



Pawisa dahna ip i siam ang u!

- \* Lehkha phêk la la, a lai takah thlep rawh.
- \* A kil pahnih 'A' leh' B'chu a inthlehna lai taka insi turin thlep leh la.
- \* Lehkha phêk chu hetiang hi a lo ni ang.
- \* Hetianga lang tur hian a chung lam chu hnung lamah thlep lêt la, a hma lam chu hetiang hian a lang ang.



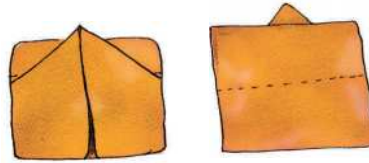
- \* A hma lam chu chung lamah dahin a sir CD leh EF chu dot-a rinah inhma tâwk turin thlep la.

Hetianga hi a lo ni ang:

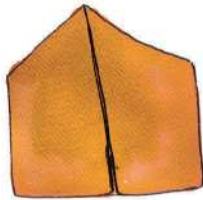




\* Chung lam chu a inrinna laiah thlep leh la, a lema mi ang tur hian:



\* Hnung lama uai thla chu thlep leh la, kan pawisa ip chu hman mai theih a lo ni ta!



### Pawisa ipa dah tur pawisa

- \* Pawisa thir chi hrang hrang la khawm rawh.
- \* Dawhkan chungah dah la. A chungah lekhapuan pan deuh dah leh la.
- \* I kut pakhatin lekhapuan chu chelh la. Pawisa thla lang turin pencil-in lekhha puan chu thair ang che.
- \* Pawisa thir thla chu a lo lang ang.
- \* Pawisa thir thla i lak duh chu chep thla la, i pawisa bawmah chuan dah ang che.



Lehkha hmangin pawisa note lem siam la, a hlut lam ziak lang ang che.



### Pawisa hmanga infiam

★ Pawisa note leh thir chu a hnuai pawisa tam lam entir nan hian hmang rawh.

– Chêng 26



– Chêng 4 leh pawisa 75

– Chêng 78

– Chêng 130

– Chêng 8 leh pawisa 75

– Chêng 53



*Note leh a thir belh khawm zat pawisa hi han ziak chhuak teh.*



Chêng za leh chêng khat.





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## Bazar



Nghah loh dawrah hian lo kal teh.

**A Pencil leh lehkhapuan hmang lovin a hnuaia mite hi a man zawng chhuak rawh:**

- \* Ball pakhat leh car pakhat  
₹ \_\_\_\_\_
- \* Notebook pakhat leh pencil pahnih  
₹ \_\_\_\_\_
- \* Balhla pahnih leh bawnghnute no khat  
₹ \_\_\_\_\_
- \* Naute lem pakhat leh ball pakhat  
₹ \_\_\_\_\_
- \* Ser tui no khat leh biscuit fûn khat  
₹ \_\_\_\_\_

Pakhat ₹ 8

Bu khat ₹ 8

Pakhat ₹ 2.50

₹ 1 zel

0.50p zel

Fun khat  
₹ 4.50

Pakhat  
₹ 1.50

No khat  
₹ 3.00

No khat  
₹ 3.50

Ser  
tui

Bawng  
Hnute



**B. A man belh khawm zawng rawh:**

- \* Giraffe pakhat, ball pakhat leh ser tui no khat ₹ \_\_\_\_\_
- \* Bawnghnute no khat, biscuit fun 1 leh balhla pakhat ₹ \_\_\_\_\_
- \* Notebook pakhat, pencil pahnih leh nawhreh pahnih ₹ \_\_\_\_\_
- \* Kaihbu pahnih, sweet pathum leh balhla pahnih ₹ \_\_\_\_\_

**C. Chêng 20 neiin, eng thil chi thumte nge i lei theih ang??**

- \* car pakhat, ser tui, balhla 1
- \* \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- \* \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- \* \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- \* \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



Cash Memo			
Nghah loh Dawr			
Item	Rate per Item	₹	Paise
	Total		

**D. I thil lei atan cash memo i siam a ngai a.**

I belh hmain pawisa eng zat nge ngai ang han ring dik chhin teh, Belh khawm la, i rin dik leh dik loh fiah ang che.

Muana chuan a hnuai mi ang hian cash memo a siam a. Cash memo-te hi en la, a dik lo i hmuh chuan i tidik mai dawn nia.

Cash Memo Nghah loh dawr				Cash Memo Nghah loh dawr				Cash Memo Nghah loh dawr			
Item	Rate per Item	₹	Paise	Item	Rate per Item	₹	Paise	Item	Rate per Item	₹	Paise
Ball 1	7	7	00	Car 1		15	00	Car 1	6.50	6	50
Pencil 3	2.50	7	50	Milk no 3	3.50	10	00	Pencil 3	2.50	7	50
Sweet 5		2	50	Notebook 4	5	20	50	Sweet 7	.50	3	50
								Biscuit fun 1	4.50	4	50
	Total	17	00		Total	45	00		Total	21	50

\* Belh rawh:

$$\begin{array}{r} \text{a) } \quad \text{₹ } 12.50 \\ \quad + \text{ ₹ } 13.00 \\ \hline \hline \end{array}$$

$$\begin{array}{r} \text{b) } \quad \text{₹ } 55.50 \\ \quad + \text{ ₹ } 14.00 \\ \hline \hline \end{array}$$

$$\begin{array}{r} \text{c) } \quad \text{₹ } 30.00 \\ \quad + \text{ ₹ } 31.50 \\ \hline \hline \end{array}$$

\* Paih rawh:

$$\begin{array}{r} \text{a) } \quad \text{₹ } 25.50 \\ \quad - \text{ ₹ } 11.50 \\ \hline \hline \end{array}$$

$$\begin{array}{r} \text{b) } \quad \text{₹ } 103.50 \\ \quad - \text{ ₹ } 62.00 \\ \hline \hline \end{array}$$

$$\begin{array}{r} \text{c) } \quad \text{₹ } 19.50 \\ \quad - \text{ ₹ } 7.00 \\ \hline \hline \end{array}$$

**E. Chêng 30 i nei a. A hnuai mite hi i lei hnuin pawisa eng zat nge i la neih chhût chhuak rawh:**

\* Ball 1, naute lem 1 leh giraffe 1

A vai man \_\_\_\_\_. Pawisa la bâng \_\_\_\_\_.

\* Balhla 2, biscuit fûn 1 leh sêr tui no 2.

A vai man \_\_\_\_\_. Pawisa la bâng \_\_\_\_\_.





\* Notebook pathum, pencil pathumleh nawhreh pahnih.

A vai man \_\_\_\_\_. Pawisa la bâng \_\_\_\_\_.

### Tih tur

A. Thian pathum chuan cricket bat leh ball lei an duh a.

Biakin ₹ 48.50, Raman ₹ 55.50 leh Venan ₹ 38.00 an nei a. An vaia pawisa neih zawng chu eng zat nge?



B. Hari chuan rêt ticket ₹ 62.50 man a lei a. ₹ 100 note a pe a. Châeng eng zat nge an rawn kir ang?

C. Ngêngi leh a thiante bazarah thil leiin an kal a. ₹ 58 man, ₹ 37 man leh ₹ 22 man thil a lei a. Ngêngi chuan ₹ 100 chiah a nei a. A thil leina man pe tla turin a thiante pawisa eng zat nge a hmansak ngai?



D.

## Mumbai Chanchin Thar

### Thil siamna hmun aṭangin naupang chhanchhuah an ni



Ngun siamna hmun aṭangin naupang 10-te chu vawin khân chhan chhuah an ni. Factory hian rim taka chhawrin ni khatah ₹ 80 chauh hlawh a pe a, dinhmun hrehawm taka an awm hi reporter leh policete hian an va hmu chhuak a ni. Thingtlanga anmahni ina an haw leh thei ta chu heng naupangte hi an hlim hle mai a. An rualquite ang bawka lehkha an zir theihna turin special sikulah luhtir an ni ang. Naupang an chhawr hian factory chuan pawisa senso tihlem a tum a ni. Tunah chuan police-ten hremna na tak an lekkawh thei tawh ang.

Factory-in pawisa senso tihlem a tum dan i lo en teh ang.

Puitling pakhat ni khat hlawh = ₹ 513

Naupang pakhat ni khat hlawh = ₹ 80

Factory-in ni khata mi pakhata sum a sen tlemna

₹ 513 – \_\_\_\_\_ = ₹ 433

Factory-in ni khata mi 10 tana sum a sen tlemna

₹ 433 × 10 = ₹ \_\_\_\_\_

## Zawng chhuak rawh

In awmna velah dawr emaw thil siamna hmun emaw, naupang an chhawrna a awm em? Chung naupangte chu bia la, eng zat nge an hlawh zawt ang che.

Pawisa awmzia hriat thiamna hi thil lei leh hralh hman lo pawhin a zirtir theih a. Zirtirtu chuan naupangte tawnhriat aṭangin heng hnathawh leh hlawh, etc te hi sawipui ni se.



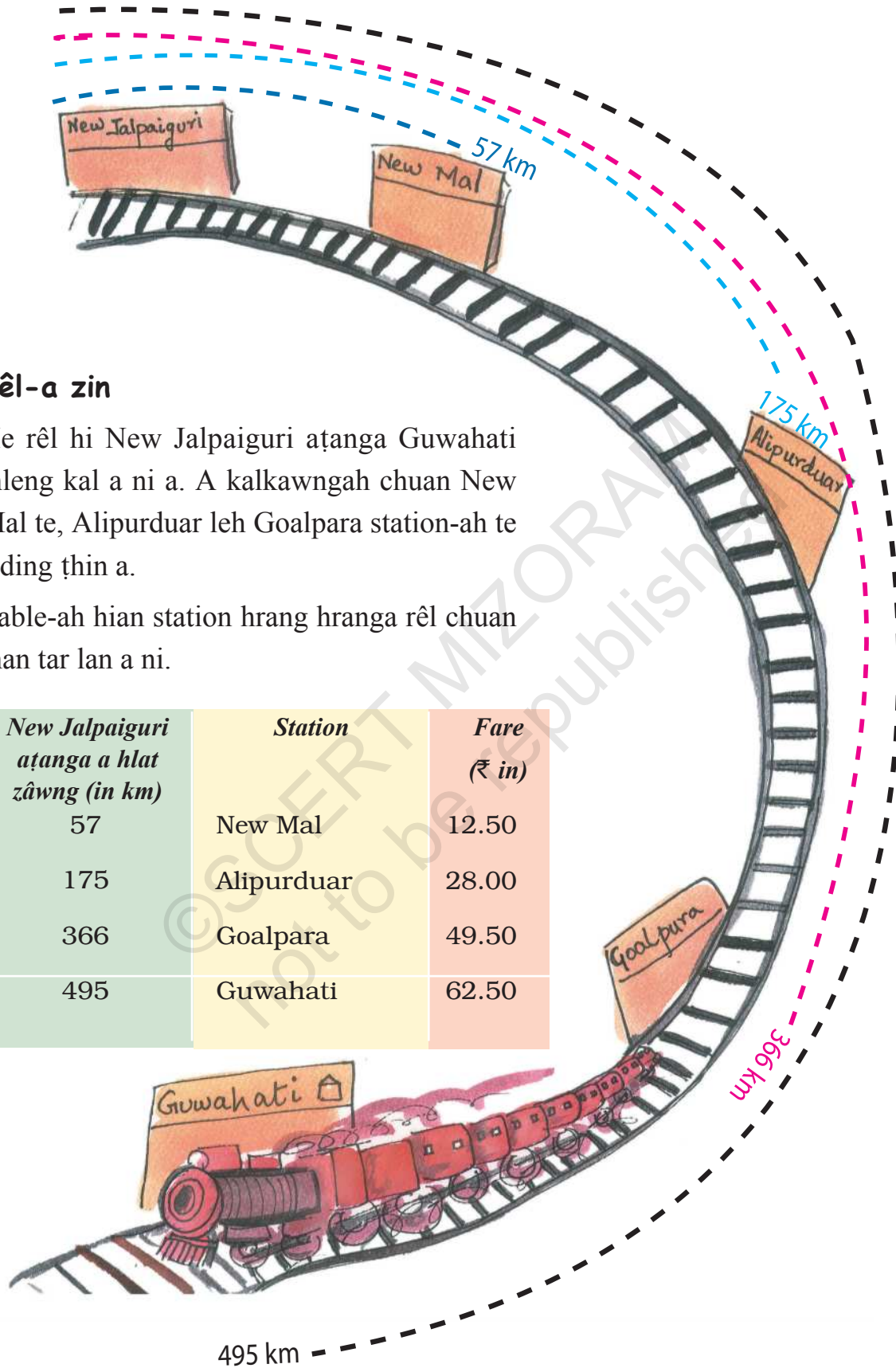


## Rêl-a zin

He rêl hi New Jalpaiguri aţanga Guwahati thleng kal a ni a. A kalkawngah chuan New Mal te, Alipurduar leh Goalpara station-ah te a ding ʈin a.

Table-ah hian station hrang hranga rêl chuan man tar lan a ni.

<i>New Jalpaiguri aţanga a hlat zâwng (in km)</i>	<i>Station</i>	<i>Fare (₹ in)</i>
57	New Mal	12.50
175	Alipurduar	28.00
366	Goalpara	49.50
495	Guwahati	62.50



***A hlat lam zawng rawh:***

- a) New Mal atanga Guwahati km \_\_\_\_\_
- b) New Mal leh Goalpara inkar km \_\_\_\_\_
- c) Alipurduar atanga Guwahati km \_\_\_\_\_
- d) New Mal leh Alipurduar inkar km \_\_\_\_\_
- e) Goalpara atanga Guwahati km \_\_\_\_\_

***Ticket man zawng rawh:***

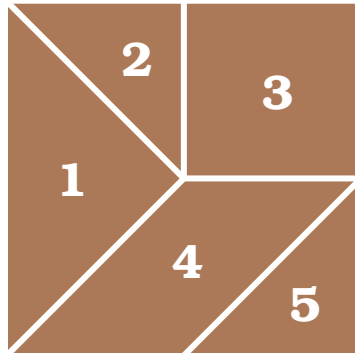
- a) Bhupen-a chu New Jalpaiguri atangin Alipurduar-ah a kal a. A ticket man eng zat nge?
- b) Indira chu New Jalpaiguri atangin Goalpara-ah a kal dawn a. Ticket manah eng zat nge a sen?
- c) Debu-a, Shoma-i leh Gobind-ate chu New Jalpaiguri atangin New Mal-ah an kal a. An ticket manah eng zat nge an sen ang? Ticket manah ₹ 50 an pe a. Eng zat nge an hmuh kir leh ang?



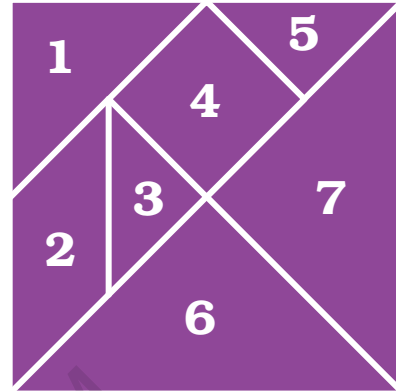


## Cheh thlâk tur phêk

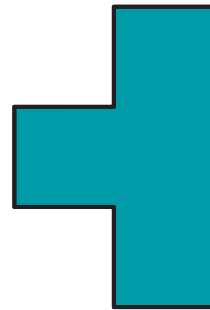
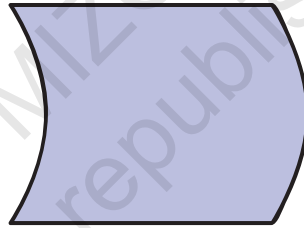
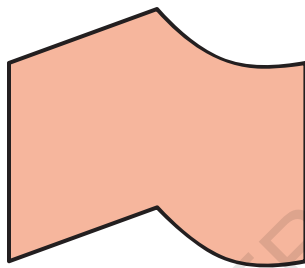
Bung 5 nei tangram (p 64)



Bung 7 nei tangram (p 65)



A lem hi chep thla la, lehkha khawngah bel la. I duh zat zat siam belhin chhuatah phah ang che.



Heng pawisa te hi chep thla la, inkhualtelem nân hmang ang che.











**State Council of Educational Research and Training  
Mizoram**