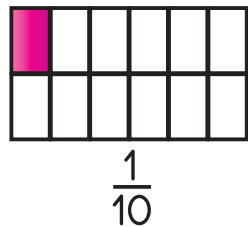
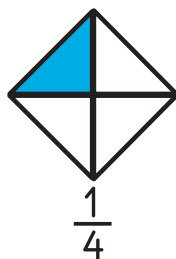
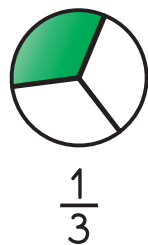
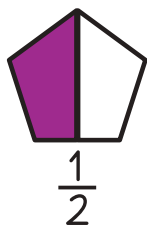




# Livru Ezersísiu MATEMÁTICA 2

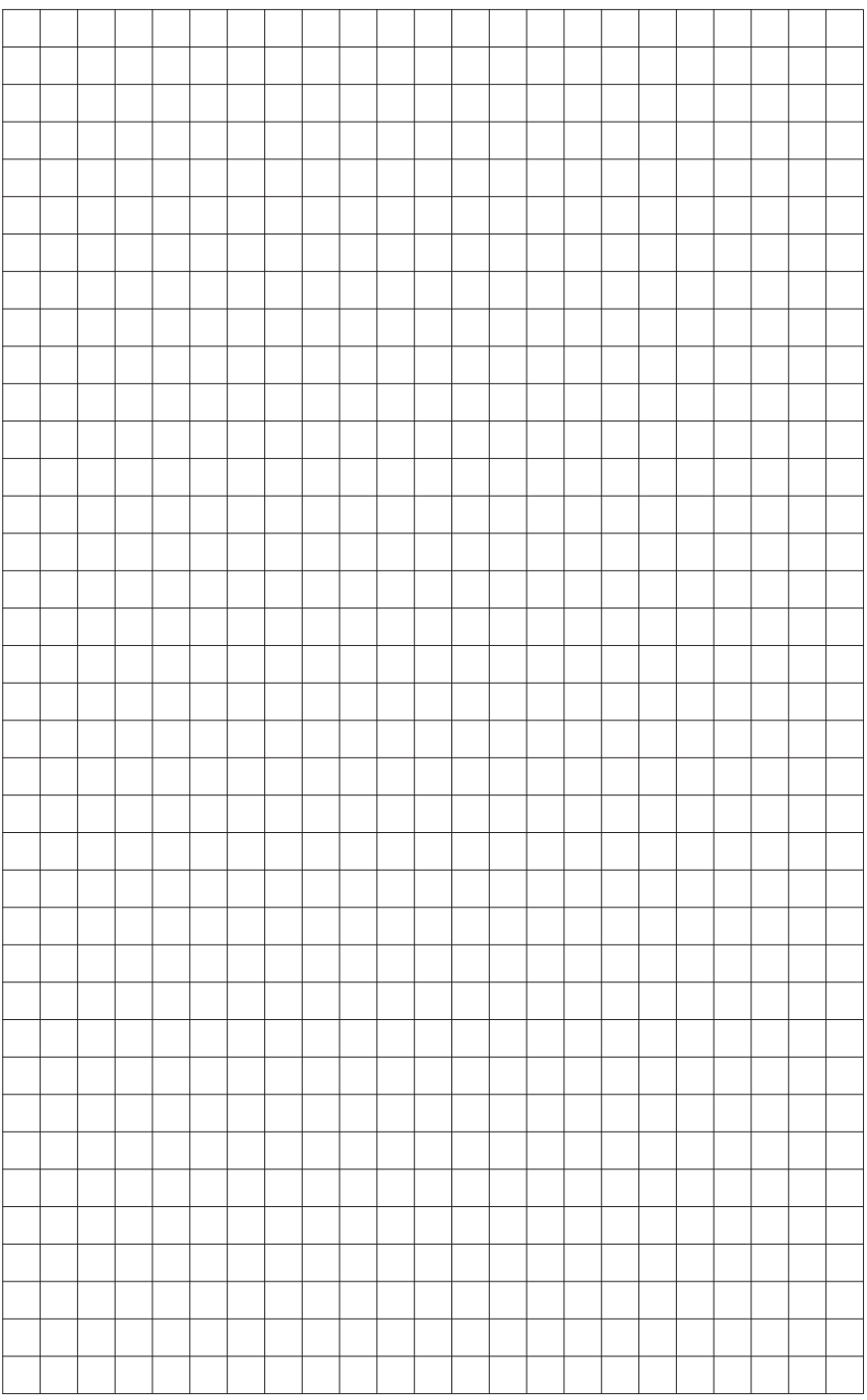


**Livru ezersísiu MATEMÁTICA 2**

**Ensinu Báziku**

**Edisaun dahuluk - 2014**

**Ministério da Educação, TIMOR-LESTE**



Livru Ezersīsiu  
**MATEMĀTIKA** 2





REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE  
MINISTÉRIO DA EDUCAÇÃO

**GABINETE DO MINISTRO**

**Mensagem de Abertura**

O Ministério da Educação almeja o importante objetivo de assegurar que cada criança em Timor-Leste acede a oportunidades iguais para atingir uma educação com elevada qualidade. Esta educação procede de uma aprendizagem centrada no aluno, ativa, efetiva, bem como repleta de conteúdos relevantes e contextualizados. Esperamos que, através de atividades realizadas em conjunto com os seus professores, os alunos se formem como pessoas sábias, tolerantes e com pensamento crítico, de forma a tornarem-se cidadãos com capacidade analítica e participativa, contribuindo fortemente para a nossa querida pátria

Timor-Leste. Este livro é, assim, parte deste esforço do Ministério. Criámos cada um dos livros com carinho e cuidado, de modo a suscitar o gosto do aluno pela leitura e a auxiliar a sua aprendizagem eficaz.

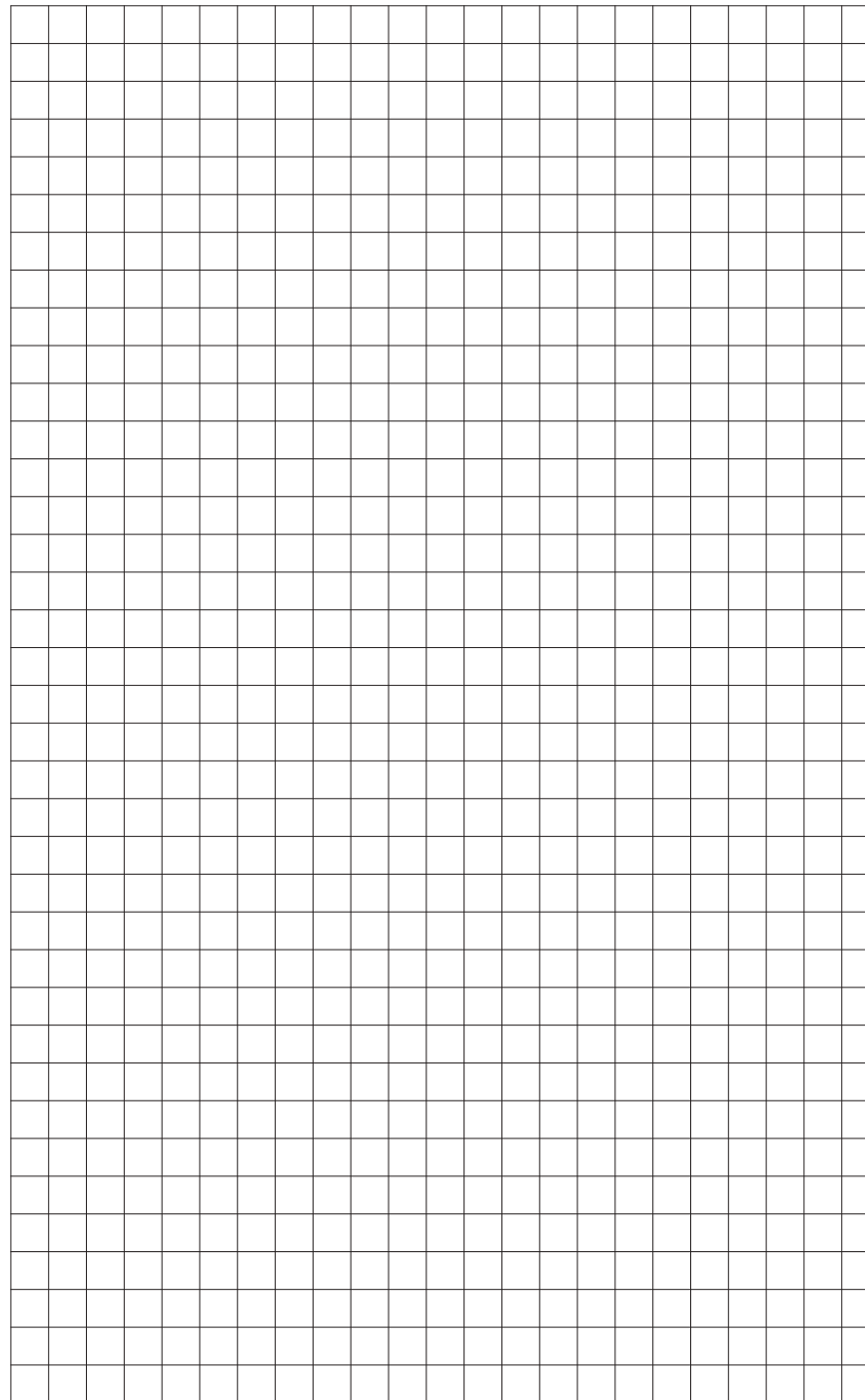
Para os nossos caros professores: pedimo-vos que encorajem os vossos alunos durante a sua caminhada escolar, que os respeitem e que lhes forneçam múltiplos desafios durante a sua aprendizagem. Não poderão seguir apenas estes livros, devendo usar as formas, as línguas e as atividades previstas nos planos de aula que acompanham os livros, no sentido de levarem os alunos a APRENDER. Sejam bons modelos para os vossos alunos – a vossa atitude no ensino é mais importante do que a vossa metodologia.

Para os nossos queridos alunos: a vossa força de vontade para aprenderem, para analisarem, para expressarem ideias e para estarem abertos a outras opiniões é que será a chave para conduzirem Timor a um futuro brilhante, pleno de possibilidades.

Dili, 15 de Setembro de 2014

Ministro Da Educação

Bendito dos Santos Freitas, MA





REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE  
MINISTÉRIO DA EDUCAÇÃO

**GABINETE DO MINISTRO**

**Lian Makloke**

Ministériu Edukasaun iha meta boot ida atu asegura katak labarik ida-idak iha Timor-Leste iha oportunidade hanesan ba edukasaun ho qualidade aas. Edukasaun ne'e signifika katak aprendizajen tenke sentradu ba alunu, ativu, no efetivu, no matéria ne'ebé estuda tenke relevante no kontestualizadu. Ami espera katak liuhosi atividade sira-ne'ebé hala'o hamutuk ho manorin sira, estudante sira sei sai ema matenek, tolerante, no uza hanoin kriticu hodi sai sidadaun analítiku no partisipativu ne'ebé fó kontribuisaun maka'as ba Ita-nia rai doben Timór.

Livru ida-ne'e mak parte ida hosi esforsu Ministériu nian. Ami kria livru ida-idak ho domin no kuidadu, hodi provoka estudante nia gostu lee, no ajuda aprendizajen efikás.

Ba belun manorin sira: halo favor fó korajen ba labarik sira durante sira-nia dalan eskolár, no respeita no fó dezafiu barak ba sira hodi sira aprende. Labele tuir livru sira de'it, maibé tenke uza maneira, lian ho atividade saída de'it ne'ebé hakerek iha planu lisaun sira-ne'ebé akompaña livru sira hodi ajuda estudante sira APRENDE. Sai ezemplu di'ak ba sira – Ita-Boot nia hahalok hanorin maka'as liu duké Ita-Boot nia metodolojia. Ba alin estudante sira: forsa-vontade atu aprende, analiza, espresa ideia no loke hanoin hodi simu opiniaun ema seluk nian mak xave, hodi bele lori Timór ba futuru ida-ne'ebé nabilan ho possibilidade.

Dili, 15 Setembru, 2014

Ministru Edukasaun

Bendito dos Santos Freitas, MA

**Doben Estudante,**

Livru ne'e mak ó-nia Livru daruak Ezersísiu Matemátika nian!

Ó sei deskobre, halimar no aprende sasán sira inkrivel no fantástiku kona-ba Matemátika liuhosi livru ne'e no ho tulun husi manorin. Ami hakarak ó halimar no aprende barak. Livru ida-ne'e atu uza no mós tenke kuidadu tanba hanesan meu ida ba aprendizajen.

Benvindu ba Mundu fantástiku Matemátika nian!

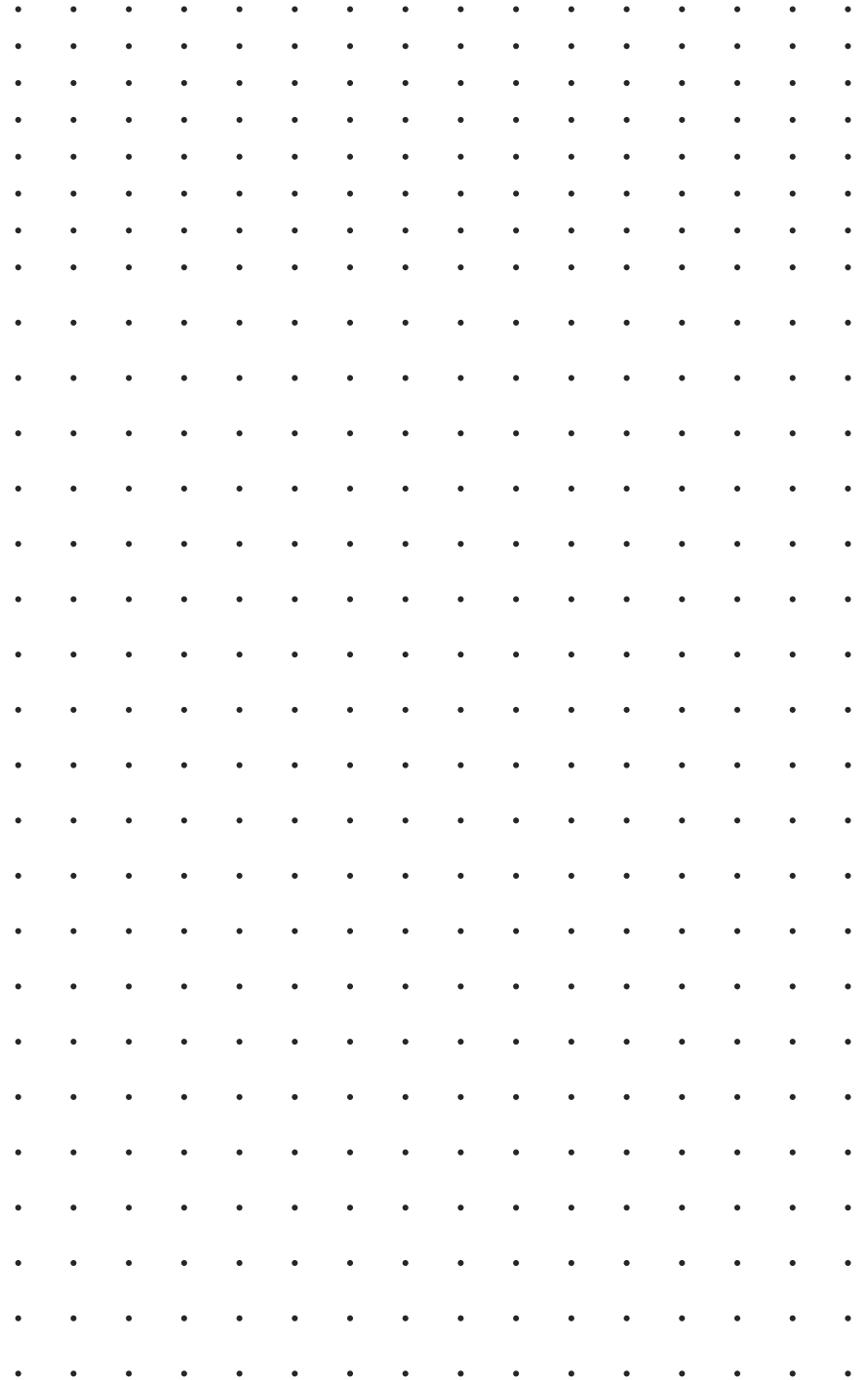
**Belun Manorin:**

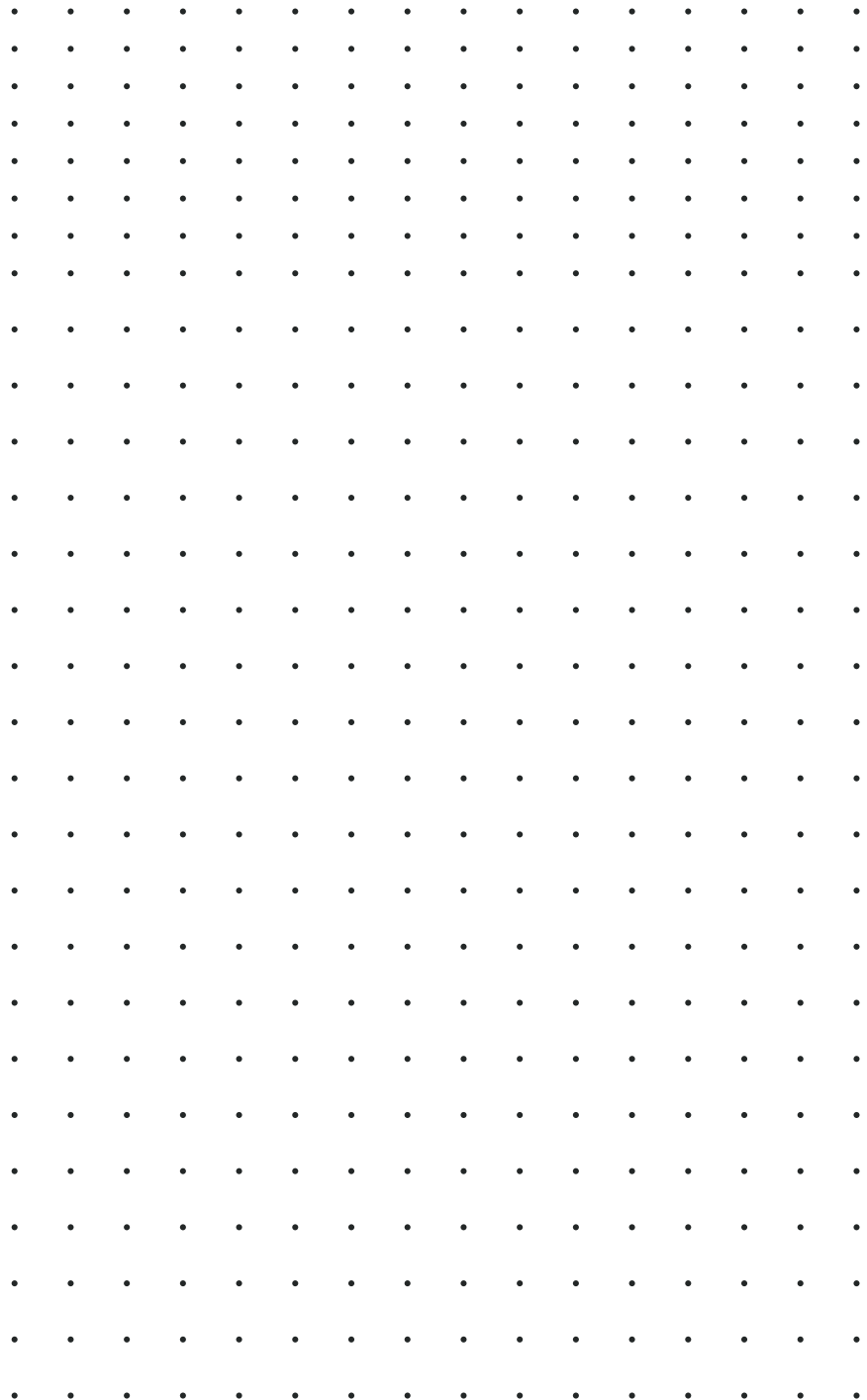
Livru Ezersísiu Matemátika ba klase 2 nian ne'e dezenvolve husi ekipa ne'ebé serbisu ho Ministériu Edukasaun ba elaborasaun Kurríkulu Foun Siklu 1 no 2 Ensinu Báziku nian. Sira-ne'ebé hola parte iha ekipa ne'e mak manorin, formadór, konsultór nasional no internasionál sira.

Ho objetivu atu fasilita estudante sira-nia aprendizajen no fó apoiu ba manorin iha prosesu ensinu-aprendizajen maka livru ne'e apresenta ezersísiu ne'ebé iha sekuénsia tuir planifikasaun anuál ho sekuénsia planu lisaun ne'ebé prepara husi Ministériu Edukasaun hanesan materiál fasilítadór ba serbisu manorin nian.

Aleinde hodi ajuda aprendizajen, dezenvolve mós ezersísiu konsolidasaun no ezersísiu sira-ne'ebé bele uza ba verifikasaun estudante sira-nia aprendizajen.

Livru ida-ne'e ba estudante sira atu uza no hakerek iha laran. Ne'e-duni, livru ne'e estudante nian. Estudante maka bele rai atu pratika no halo serbisu sira ho ajuda hosi manorin hodi bele aprende di'ak liután.



**Lee no hakerek númeru ne'e ho símbolu matemátika.**

- a) Sia 9
- b) Sanulu-resin-lima \_\_\_\_\_
- c) Ruanulu-resin-tolu \_\_\_\_\_
- d) Tolunulu-resin-ida \_\_\_\_\_
- e) Haatnulu-resin-hitu \_\_\_\_\_
- f) Limanulu-resin-rua \_\_\_\_\_
- g) Neenulu-resin-ualu \_\_\_\_\_
- h) Hitunulu-resin-haat \_\_\_\_\_
- i) Ualunulu-resin-noon \_\_\_\_\_
- j) Sianulu \_\_\_\_\_
- k) Ualunulu-resin-ida \_\_\_\_\_
- l) Neenulu-resin-tolu \_\_\_\_\_
- m) Haatnulu-resin-lima \_\_\_\_\_
- n) Ruanulu-resin-hitu \_\_\_\_\_
- o) Ualu \_\_\_\_\_
- p) Sanulu-resin-rua \_\_\_\_\_
- q) Limanulu \_\_\_\_\_
- r) Hitunulu-resin-ida \_\_\_\_\_
- s) Sianulu-resin-noon \_\_\_\_\_

Hakerek ho forma vertikál no rezolve:

a.  $3 + 6 = \underline{9} \Rightarrow \begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array}$

b.  $4 + 5 = \underline{\quad} \Rightarrow \begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$

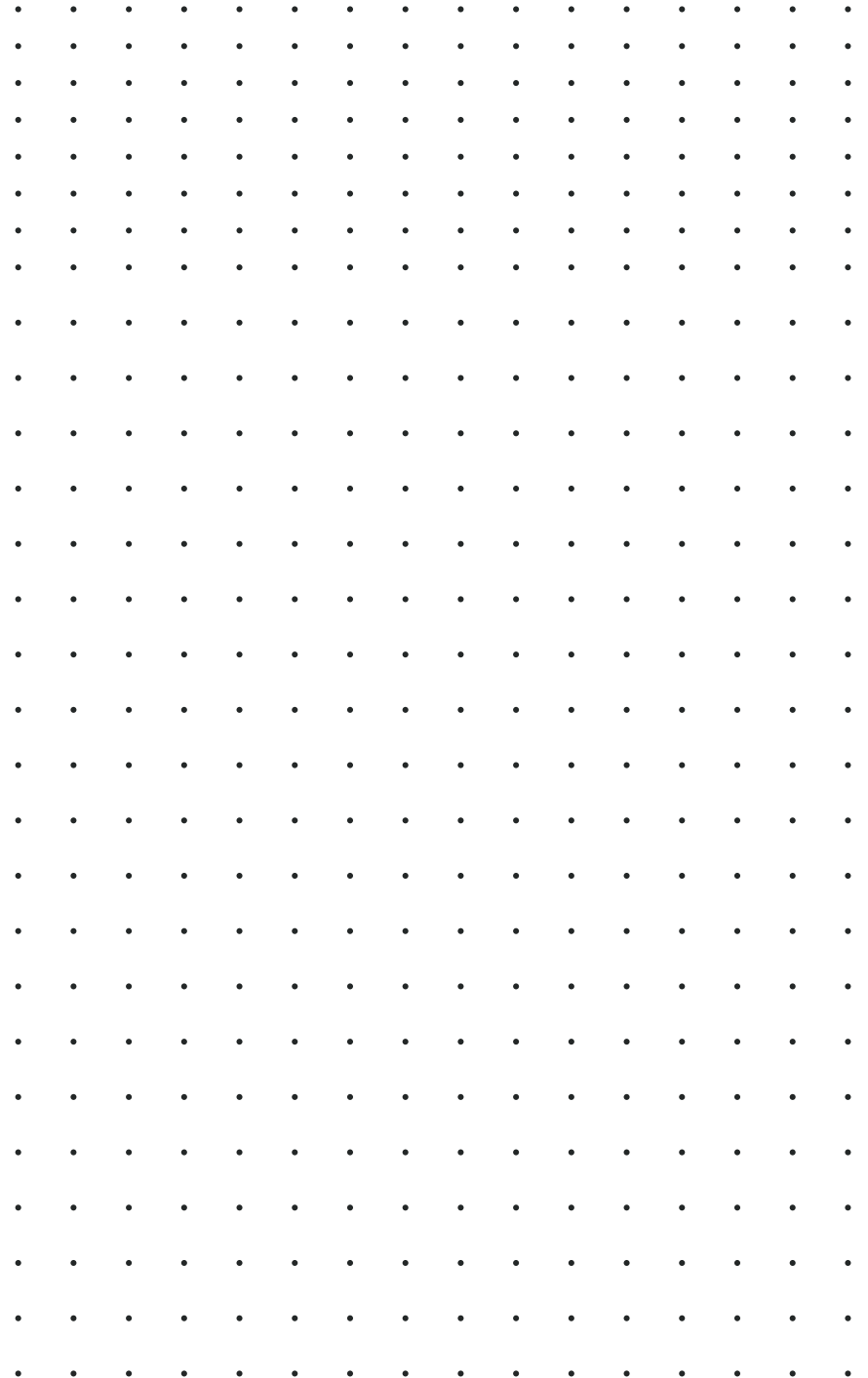
c.  $1 + 7 = \underline{\quad} \Rightarrow \begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$

d.  $2 + 5 = \underline{\quad} \Rightarrow \begin{array}{r} + \\ \hline \end{array}$

e.  $9 - 4 = \underline{\quad} \Rightarrow \begin{array}{r} - \\ \hline \end{array}$

f.  $7 - 1 = \underline{\quad} \Rightarrow \begin{array}{r} - \\ \hline \end{array}$

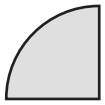
g.  $6 - 3 = \underline{\quad} \Rightarrow \begin{array}{r} - \\ \hline \end{array}$





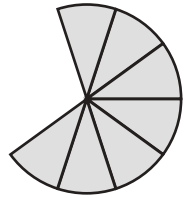
3 Liga frasaun sira ho liña, atu nune'e sai unidade ida.

$$\frac{1}{4}$$



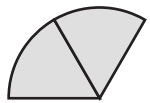
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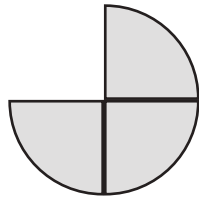
$$\frac{7}{10}$$

$$\frac{2}{6}$$



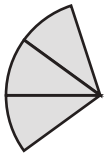
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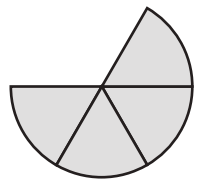
$$\frac{3}{4}$$

$$\frac{3}{10}$$



•

•



$$\frac{4}{6}$$

A Hakerek ho forma vertikál no rezolve:

$$a. \quad 5 + 0 = \underline{5} \quad \Rightarrow \quad \begin{array}{r} 5 \\ + 0 \\ \hline 5 \end{array}$$

$$b. \quad 6 + 3 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} + \\ \hline \end{array}$$

$$c. \quad 8 + 2 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} + \\ \hline \end{array}$$

$$d. \quad 4 + 1 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} + \\ \hline \end{array}$$

$$e. \quad 6 + 4 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} + \\ \hline \end{array}$$

$$f. \quad 10 - 1 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} 10 \\ - 1 \\ \hline 9 \end{array}$$

$$g. \quad 5 - 4 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} - \\ \hline \end{array}$$

$$h. \quad 7 - 4 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} - \\ \hline \end{array}$$

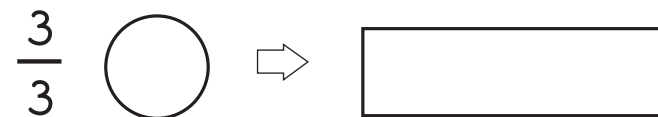
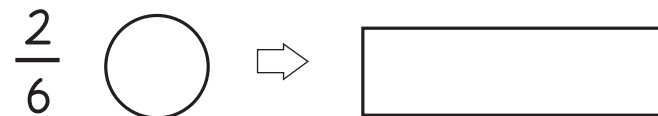
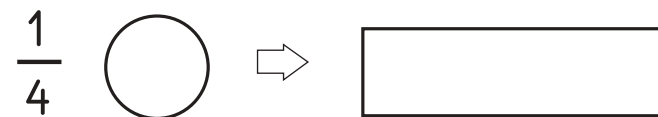
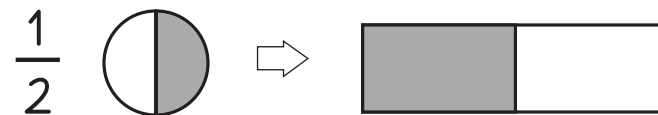
$$i. \quad 9 - 6 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} - \\ \hline \end{array}$$

$$i. \quad 8 - 5 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} - \\ \hline \end{array}$$

### B Rezolve tan problema tuirmai ne'e:

- a) Loron ida Julia ho ninia alin Nina ba kaer boek iha mota. Julia kaer boek **4** no Nina kaer boek **5**. Boek hira mak Julia no Nina kaer iha mota?
- b) Aje ba kaer ikan iha kolan. Nia kaer ikan **6** no tau iha balde. Nia tau balde ne'e iha kolan ninin no nia hakarak kaer ikan tan maibé ikan **3** haksoit sai hosi balde no tama fali kolan laran. Ikan hira mak hela iha balde laran?"
- c) Alzira hakiak manu-inan rua ne'ebé sei tolun hela. Manu ida iha tolun **7** no manu ida seluk iha tolun **3**. Hamutuk hira mak manu-inan rua ne'e nia tolun?"


### 1 Reprezenta frasaun ne'e iha eskema sírkulu ka retángulu.



### 2 Hakerek frasaun sira iha leten husi ki'ik ba boot.

\_\_\_\_ < \_\_\_\_ < \_\_\_\_ < \_\_\_\_

Dezeña retángulu no uza símbolu <, > ka = atu kompara frasaun sira.

a.  $\frac{1}{2} = \frac{1}{2}$   $\Rightarrow$  

b.  $\frac{1}{3} < \frac{2}{3}$   $\Rightarrow$

c.  $\frac{2}{10} < \frac{1}{5}$   $\Rightarrow$

d.  $\frac{1}{4} < \frac{1}{3}$   $\Rightarrow$

e.  $\frac{2}{4} = \frac{1}{2}$   $\Rightarrow$

f.  $\frac{4}{10} < \frac{2}{5}$   $\Rightarrow$

g.  $\frac{3}{3} = \frac{6}{6}$   $\Rightarrow$

h.  $\frac{1}{10} < \frac{2}{4}$   $\Rightarrow$

i.  $\frac{2}{6} < \frac{1}{3}$   $\Rightarrow$

I. Prenxe liña mamuk ho númeru nia númeru família.

a.  $1 + 9 = 10$

b.  $\_ + 3 = 10$

c.  $\_ + 4 = 10$

d.  $2 + \_ = 10$

e.  $0 + \_ = 10$

e.  $6 + \_ = 10$

f.  $9 + \_ = 10$

g.  $\_ + 5 = 10$

h.  $\_ + 8 = 10$

i.  $7 + \_ = 10$

II. Prenxe fatin mamuk ho númeru família hosi númeru iha sírkulu nia laran.

$9, \_$     $7, \_$     $2, \_$     $\_, 10$

$6, \_$     $\_, 0$     $8, \_$     $3, \_$

$\_, 4$     $\_, 6$     $\_, 5$

Pinta figura ka uza frasaun husi sírkulu surat-tahan hodi kompara frasaun sira. Uza símbolu  $<$ ,  $>$  ka  $=$  hodi kompara.

a.  $\frac{1}{2} = \frac{1}{2}$  

b.  $\frac{1}{10}$   $\frac{1}{6}$

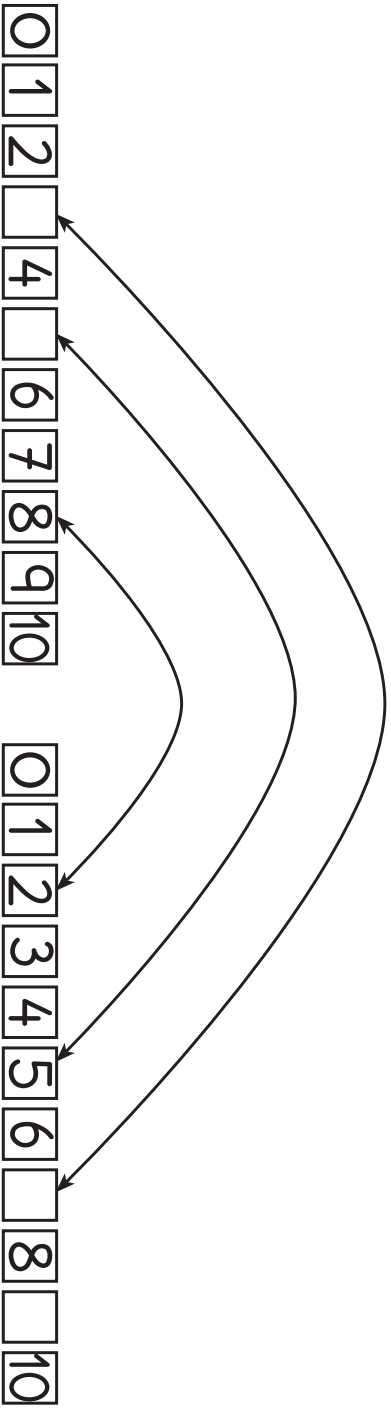
c.  $\frac{2}{3}$   $\frac{2}{10}$

d.  $\frac{1}{4}$   $\frac{1}{3}$

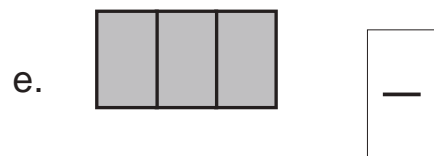
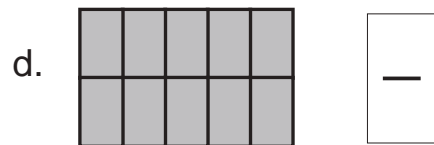
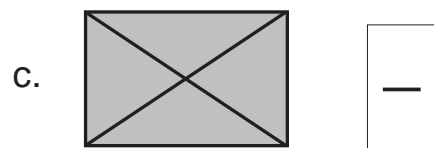
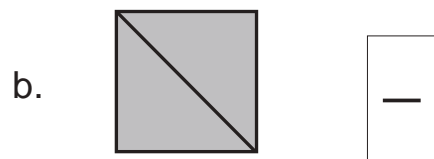
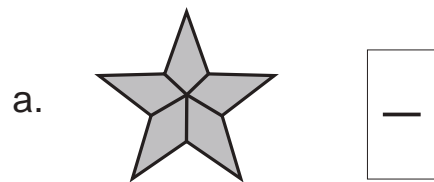
e.  $\frac{2}{4}$   $\frac{2}{10}$

## Ezersísiu 5



Prenxe kuadradu mamuk ho númeru família ne'ebé loos. Pinta arkuiris númeru família ho lapiskór.




Hakerek frasaun hodi reprezenta figura sira bazeia ba kór ne'ebé tau iha parte hotu.



Soma ai-sanak ne'e, riska total ai-sanak iha retángulu mamuk no hakerek número iha retángulu nia sorin. Haree ezemplu!

a.  +  =  10

b.  +  =

c.  +  =

d.  +  =

e.  +  =

f.  +  =

g.  +  =

h.  +  =

i.  +  =

j.  +  =

Rezolve ezersísiu tuirmai ne'e:

a.  $\begin{array}{|c|} \hline \text{IIII} \\ \hline 5 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{IIII} \\ \hline 5 \\ \hline \end{array} = \begin{array}{|c|} \hline \text{IIIIIIII} \\ \hline 10 \\ \hline \end{array}$

b.  $\begin{array}{|c|} \hline \text{IIIIII} \\ \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \text{IIII} \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$

c.  $\begin{array}{|c|} \hline \text{IIIIII} \\ \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \text{IIII} \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$

d.  $\begin{array}{|c|} \hline \text{IIII} \\ \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \text{IIIIIIII} \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$

e.  $\begin{array}{|c|} \hline \text{IIII} \\ \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \text{IIIIIIII} \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$

f.  $\begin{array}{|c|} \hline \\ \hline 11 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{IIII} \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$

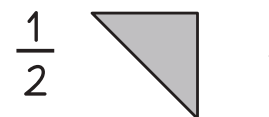
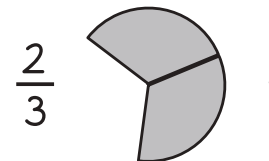
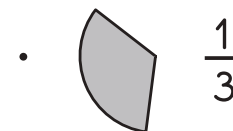
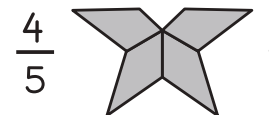
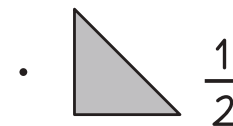
g.  $\begin{array}{|c|} \hline \\ \hline 3 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{IIIIII} \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$

h.  $\begin{array}{|c|} \hline \text{IIIIII} \\ \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \text{IIII} \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$



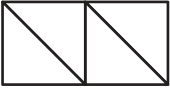
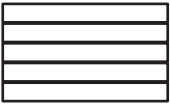




i.  $\begin{array}{|c|} \hline \\ \hline 7 \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline 12 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$

j.  $\begin{array}{|c|} \hline \text{IIIIII} \\ \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array}$   
 $\begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} = \begin{array}{|c|} \hline 16 \\ \hline \\ \hline \end{array}$

Dada liña atu kompleta figura ne'e sai unidade ida.



Tau kór ba figura tuir naran frasaun nian, hakerek frasaun nian, numeradór no denominadór hosi frasaun sira-ne'e.

| Naran          | Figura  | Frasaun        | Numeradór | Denominadór |
|----------------|---|----------------|-----------|-------------|
| Kasanoluk Lima |    | $\frac{5}{10}$ | 5         | 10          |
| Balun ida      |    |                |           |             |
| Kahaat rua     |    |                |           |             |
| Kalimak tolu   |    |                |           |             |
| Kaneen rua     |   |                |           |             |
| Kahaat tolu    |  |                |           |             |
| Katoluk rua    |  |                |           |             |
| Kalimak tolu   |  |                |           |             |

I. Rezolve adisaun tuirmai ne'e.

a.  $4 + 5 = \underline{9}$

b.  $11 + 6 = \underline{\quad}$

c.  $10 + 3 = \underline{\quad}$

d.  $4 + 15 = \underline{\quad}$

e.  $8 + 6 = \underline{\quad}$

f.  $14 + 6 = \underline{\quad}$

g. 
$$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$$

h. 
$$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$$

i. 
$$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$$

j. 
$$\begin{array}{r} 3 \\ + 15 \\ \hline \end{array}$$

II. Espresa problema simples iha kraik ne'e ho símbolu matemátika:






















a. Ambere bá halimar berlindus, lori berlindus **10** no nia manan berlindus **6**. Ambere nia berlindus hamutuk hira?

$$\begin{array}{c} \boxed{\text{10 balls}} \\ \underline{10} \end{array} + \begin{array}{c} \boxed{\text{6 balls}} \\ \underline{6} \end{array} = \begin{array}{c} \boxed{\text{16 balls}} \\ \underline{16} \end{array}$$

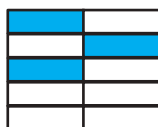







b. João hakiak manu-inan **2**. Manu-inan rua ne'e oan tan hamutuk **12**. João hakiak manu (manu-inan no manu-oan) hamutuk hira?

$$\begin{array}{c} \boxed{\text{2 chickens}} \\ \underline{\quad} \end{array} + \begin{array}{c} \boxed{\text{12 chicks}} \\ \underline{\quad} \end{array} = \begin{array}{c} \boxed{\text{14 chickens}} \\ \underline{\quad} \end{array}$$

Hamenus ai-sanak ne'e, riska ai-sanak ne'ebé hela iha retángulu mamuk no hakerek númeru iha retángulu nia sorin. Haree ezemplu!













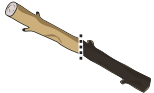











- a.  -  =  2
- b.  -  =  \_\_\_\_\_
- c.  -  =  \_\_\_\_\_
- d.  -  =  \_\_\_\_\_
- e.  -  =  \_\_\_\_\_
- f.  -  =  \_\_\_\_\_
- g.  -  =  \_\_\_\_\_
- h.  -  =  \_\_\_\_\_
- i.  -  =  \_\_\_\_\_
- j.  -  =  \_\_\_\_\_

Hakerek frasaun, numeradór no denominadór tuir figura ne'ebé iha.

| Figura  | Frasaun        | Numeradór | Denominadór |
|---|----------------|-----------|-------------|
|    | $\frac{3}{10}$ | 3         | 10          |
|    |                |           |             |
|    |                |           |             |
|    |                |           |             |
|   |                |           |             |
|  |                |           |             |
|  |                |           |             |
|  |                |           |             |



Halo hanesan ezemplu.

| Imajen  | Frasaun       | Reprezenta ho sírkulu   |
|---|---------------|---|
|    | $\frac{1}{2}$ |    |
|    |               |    |
|    |               |    |
|    |               |    |
|    |               |    |
|    |               |    |
|    |               |    |
|   |               |   |
|  |               |  |
|  |               |  |
|  |               |  |
|  |               |  |

Rezolve subtrasaun tuirmai ne'e:

- a.  $\begin{array}{|c|} \hline \text{|||||} \\ \hline 5 \\ \hline \end{array} - \begin{array}{|c|} \hline ||| \\ \hline 3 \\ \hline \end{array} = \begin{array}{|c|} \hline || \\ \hline 2 \\ \hline \end{array}$
- b.  $\begin{array}{|c|} \hline \text{|||||} \\ \hline \end{array} - \begin{array}{|c|} \hline \end{array} = \begin{array}{|c|} \hline \end{array}$   
 $\begin{array}{|c|} \hline \end{array} - \begin{array}{|c|} \hline \end{array} = \begin{array}{|c|} \hline \end{array}$
- c.  $\begin{array}{|c|} \hline \text{|||||} \\ \hline \end{array} - \begin{array}{|c|} \hline \text{|||||} \\ \hline \end{array} = \begin{array}{|c|} \hline \end{array}$   
 $\begin{array}{|c|} \hline \end{array} - \begin{array}{|c|} \hline \end{array} = \begin{array}{|c|} \hline \end{array}$
- d.  $\begin{array}{|c|} \hline \text{|||||} \\ \hline \end{array} - \begin{array}{|c|} \hline \text{|||||} \\ \hline \end{array} = \begin{array}{|c|} \hline \end{array}$   
 $\begin{array}{|c|} \hline \end{array} - \begin{array}{|c|} \hline \end{array} = \begin{array}{|c|} \hline \end{array}$
- e.  $\begin{array}{|c|} \hline \text{|||||} \\ \hline \end{array} - \begin{array}{|c|} \hline \text{|||||} \\ \hline \end{array} = \begin{array}{|c|} \hline \end{array}$   
 $\begin{array}{|c|} \hline \end{array} - \begin{array}{|c|} \hline \end{array} = \begin{array}{|c|} \hline \end{array}$
- f.  $\begin{array}{|c|} \hline \\ \hline 11 \\ \hline \end{array} - \begin{array}{|c|} \hline \text{|||||} \\ \hline \end{array} = \begin{array}{|c|} \hline \end{array}$   
 $\begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} - \begin{array}{|c|} \hline \end{array} = \begin{array}{|c|} \hline \end{array}$
- g.  $\begin{array}{|c|} \hline \text{|||||} \\ \hline \end{array} - \begin{array}{|c|} \hline \end{array} = \begin{array}{|c|} \hline \end{array}$   
 $\begin{array}{|c|} \hline \end{array} - \begin{array}{|c|} \hline 3 \\ \hline \end{array} = \begin{array}{|c|} \hline \end{array}$
- h.  $\begin{array}{|c|} \hline \\ \hline 18 \\ \hline \end{array} - \begin{array}{|c|} \hline \end{array} = \begin{array}{|c|} \hline \end{array}$   
 $\begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} - \begin{array}{|c|} \hline \end{array} = \begin{array}{|c|} \hline \end{array}$
- i.  $\begin{array}{|c|} \hline \\ \hline 12 \\ \hline \end{array} - \begin{array}{|c|} \hline \\ \hline 7 \\ \hline \end{array} = \begin{array}{|c|} \hline \end{array}$   
 $\begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} - \begin{array}{|c|} \hline \end{array} = \begin{array}{|c|} \hline \end{array}$
- j.  $\begin{array}{|c|} \hline \\ \hline 20 \\ \hline \end{array} - \begin{array}{|c|} \hline \text{|||||} \\ \hline \end{array} = \begin{array}{|c|} \hline \end{array}$   
 $\begin{array}{|c|} \hline \\ \hline \\ \hline \end{array} - \begin{array}{|c|} \hline \end{array} = \begin{array}{|c|} \hline \end{array}$

I. Rezolve subtrasaun tuirmai ne'e.

a.  $5 - 4 = \underline{1}$

b.  $11 - 6 = \underline{\quad}$

c.  $13 - 10 = \underline{\quad}$

d.  $19 - 14 = \underline{\quad}$

e.  $18 - 6 = \underline{\quad}$

f.  $20 - 6 = \underline{\quad}$

g. 
$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

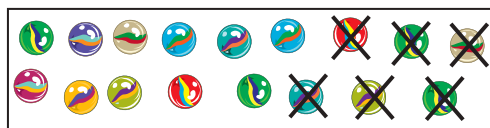
h. 
$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$

i. 
$$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$$

j. 
$$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$$

II. Espresa problema simples iha kraik ne'e ho símbolu matemátika:

a. Ambere lori berlindus **17** atu bá halimar no nia lakon berlindus **6**. Ambere nia berlindus hela hira?



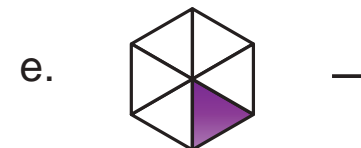
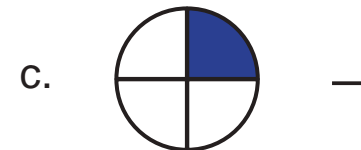
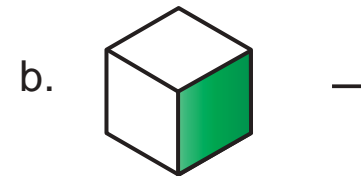
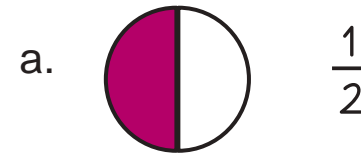
$\underline{17} - \underline{6} = \underline{11}$

b. João hakiak manu-aman **7**. Manu-aman **2** lakon. João nia manu-aman hela hira?



$\underline{\quad} - \underline{\quad} = \underline{\quad}$

Hakerek frasaun hosi figura iha kraik ne'e.



Fahe figura sira-ne'e ba parte tuir instrusaun.  
Depois tau kór ba parte ida iha figura no hakerek  
frasaun tuir figura ne'ebé tau kór tiha ona.

Frasaun

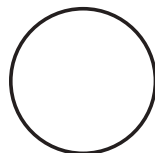
a. Fahe ba parte rua



b. Fahe ba parte haat



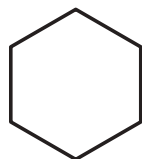
c. Fahe ba parte lima



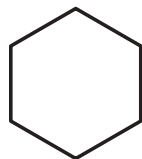
d. Fahe ba parte sanulu



e. Fahe ba parte tolu



f. Fahe ba parte neen



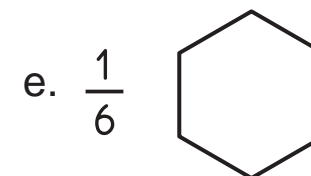
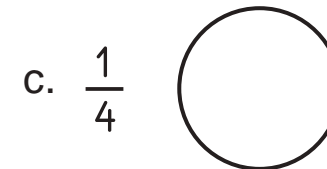
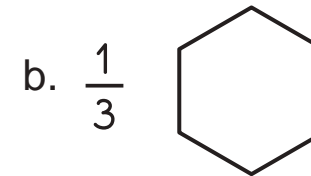
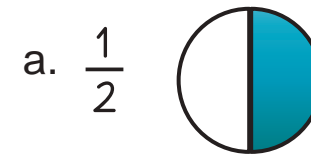
Rezolve mentalmente problema sira iha kraik ne'e:

1. José iha berlindus **4**. Ninia kolega sira fó tan berlindus **10** ba nia. Hamutuk nia iha berlindus hira?
2. Anina iha borraxa **61**. Nia manán tan **10**. Hamutuk nia iha borraxa hira?
3. Loron ida, ha'u-nia apá kuda ai-haas hun **30**. Loron oin mai nia kuda tan ai-haas hun **10**. Hamutuk ai-haas hun hira mak ha'u-nia apá kuda ona?
4. João hakiak bibi **25**. Depois tinan ida nia bibi balu hetan oan **10**. Hamutuk hira João nia bibi depois tinan ida?
5. Nina ku'u abakate fuan **37**. Pedro ku'u fuan **10**. Hamutuk sira ku'u abakate hira?

Rezolve mentalmente problema sira iha kraik ne'e:

1. Iha to'os eskola ida, iha lakeru fuan **27**. Diretór eskola ne'e haruka ku'u tiha lakeru fuan **10** ba merenda eskolár. Sei hela de'it lakeru fuan hira iha to'os laran?
2. Tiu José hakiak manu **34**. Tanba moras, manu **10** mate tiha. Tiu José nia manu hela hira?
3. Buibere ku'u sabraka fuan **27** no nia lori ba uma. Iha uma, Buibere nia família han sabraka ne'e fuan **10**. Hela sabraka fuan hira?
4. Joana lori haas fuan **15** ba fa'an. To'o iha merkadu ema hola de'it haas-fuan **10**. Hela haas-fuan hira?
5. Tania bá halimar ho borraxa **54**. Iha fatin halimar nia lakon borraxa **10**. Tania nia borraxa hela hira?

Fahe figura sira iha kraik ne'e no tau kór tuir frasaun ne'ebé hakerek iha kada figura nia sorin karuk.



1 Dada liña hosi figura ba frasaun no naran ne'ebé espresa figura ne'e.

$\frac{1}{3}$  Katoluk ida  
 $\frac{1}{5}$  Kalimak ida  
 $\frac{1}{6}$  Kaneen ida  
 $\frac{1}{10}$  Kasanuluk ida

2 Tau kór ba parte iha figura ida-ne'ebé katoluk ida ( $\frac{1}{3}$ ), kalimak ida ( $\frac{1}{5}$ ), kaneen ida ( $\frac{1}{6}$ ) no kasanuluk ida ( $\frac{1}{10}$ ). Hakerek mós iha figura nia laran.

a.

b.

c.

d.

e.

f.

A Rezolve adisaun no subtrasaun tuirmai ne'e:

$13 + 2 = \underline{\quad}$   
 $18 - 5 = \underline{\quad}$   
 $20 - 9 = \underline{\quad}$   
 $9 + 6 = \underline{\quad}$   
 $12 - 2 = \underline{\quad}$

$13 - 2 = \underline{\quad}$   
 $18 + 2 = \underline{\quad}$   
 $19 + 8 = \underline{\quad}$   
 $10 + 5 = \underline{\quad}$   
 $13 - 3 = \underline{\quad}$

B Rezolve ho lalais!

$36 + 10 = \underline{\quad}$   
 $43 - 10 = \underline{\quad}$   
 $52 + 10 = \underline{\quad}$   
 $34 - 10 = \underline{\quad}$

$17 + 10 = \underline{\quad}$   
 $18 - 10 = \underline{\quad}$   
 $19 + 10 = \underline{\quad}$   
 $10 - 10 = \underline{\quad}$

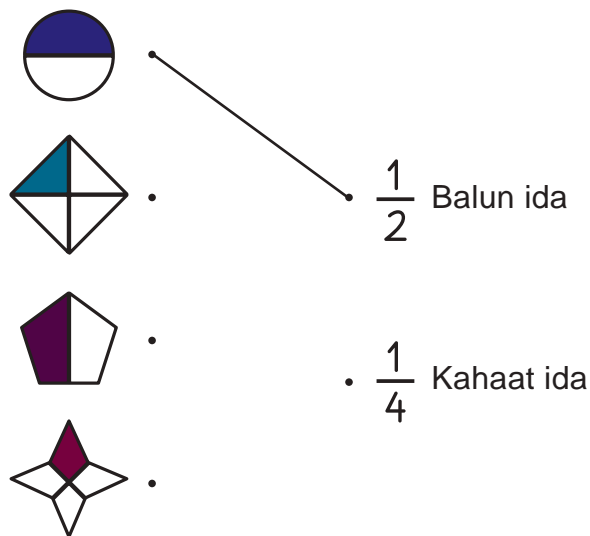
## Ezersísiu 15

Define kada númeru nia orden grandeza no valór iha tabela tuirmai:

|       | Rihun | Atus | Nulu | Unidade |
|-------|-------|------|------|---------|
| 897   | -     | 8    | 9    | 7       |
| Valór | -     | 800  | 90   | 7       |
| 129   |       |      |      |         |
| Valór |       |      |      |         |
| 97    |       |      |      |         |
| Valór |       |      |      |         |
| 555   |       |      |      |         |
| Valór |       |      |      |         |
| 32    |       |      |      |         |
| Valór |       |      |      |         |
| 743   |       |      |      |         |
| Valór |       |      |      |         |
| 200   |       |      |      |         |
| Valór |       |      |      |         |
| 1000  |       |      |      |         |
| Valór |       |      |      |         |

## Ezersísiu 108

① Dada liña hosi figura ba frasaun no naran ne'ebé espresa figura ne'e.



② Hakerek parte hosi figura ne'ebé fó kór iha kraik ne'e:



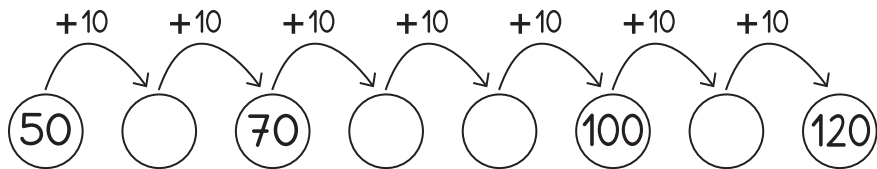
## Rezolve problema matemátika sira tuirmai ne'e:

- A** Estudante iha EBF Obrato totál hamutuk **325**. Estudante ne'ebé hakat ona ba siklu datoluk hamutuk **105**. Hela estudante na'in hira mak iha eskola ne'e?
- B** Judi ku'u sabraka fuan **225** no nia fa'an tiha fuan **125** iha merkadu. Entaun Judi nia sabraka hela hira?
- C** Ortega nia borraxa **564**. Nia fó tiha **245** ba Tizana. Nia borraxa hela hira?
- D** Tiu Alsino tunu paun hamutuk fuan **548** no ema hola ona paun fuan **229**. Paun tiu Alcino nian hela hira?

## Define kada número nia orden grandeza no valór iha tabela tuirmai:

|      | R | A | N | U | Valór          |
|------|---|---|---|---|----------------|
| 897  |   | 8 | 9 | 7 | $800 + 90 + 7$ |
| 46   |   |   |   |   |                |
| 1000 |   |   |   |   |                |
| 249  |   |   |   |   |                |
| 205  |   |   |   |   |                |
| 460  |   |   |   |   |                |
| 500  |   |   |   |   |                |
| 50   |   |   |   |   |                |
| 919  |   |   |   |   |                |
| 91   |   |   |   |   |                |
| 1500 |   |   |   |   |                |
| 150  |   |   |   |   |                |
| 334  |   |   |   |   |                |
| 932  |   |   |   |   |                |
| 460  |   |   |   |   |                |

**A** Kompletá sírkulu ne'ebé mamuk, ba sura 10 hakat 10.



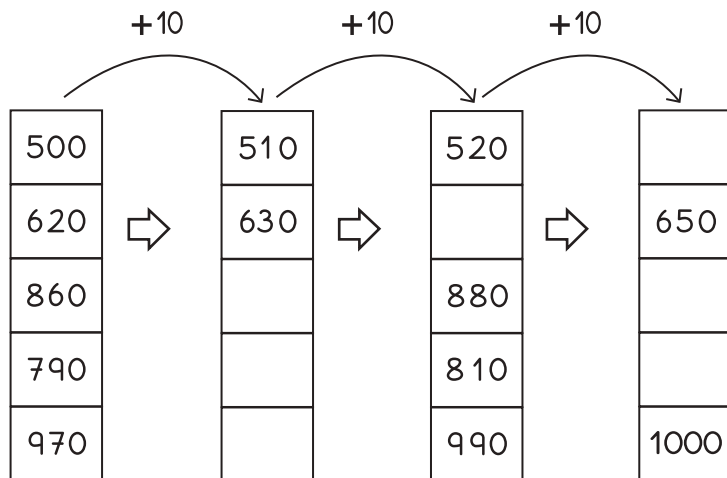
**B** Sura 10 hakat 10, husi númeru 100 to'o 200.

100, 110, 120, \_\_\_\_, 140, \_\_\_\_, 160, 170, \_\_\_\_, \_\_\_\_, 200

**C** Sura 10 hakat 10, husi 220 to'o 320.

|     |     |     |  |  |     |     |  |     |  |     |
|-----|-----|-----|--|--|-----|-----|--|-----|--|-----|
| 220 | 230 | 240 |  |  | 270 | 280 |  | 300 |  | 320 |
|-----|-----|-----|--|--|-----|-----|--|-----|--|-----|

**D** Prenxe kuadradu ne'ebé mamuk.



**1** Rezolve subtrasaun tuirmai ne'e:

$$\begin{array}{r} 213 \\ - 213 \\ \hline \end{array}$$

$$\begin{array}{r} 564 \\ - 345 \\ \hline \end{array}$$

$$\begin{array}{r} 987 \\ - 435 \\ \hline \end{array}$$

$$\begin{array}{r} 347 \\ - 237 \\ \hline \end{array}$$

$$\begin{array}{r} 342 \\ - 225 \\ \hline \end{array}$$

$$\begin{array}{r} 565 \\ - 239 \\ \hline \end{array}$$

**2** Determina valór husi subtrasaun tuirmai ne'e:

$$\begin{array}{r} 962 \\ - 233 \\ \hline \end{array}$$

$$\begin{array}{r} 559 \\ - 448 \\ \hline \end{array}$$

$$\begin{array}{r} 725 \\ - 617 \\ \hline \end{array}$$

$$\begin{array}{r} 573 \\ - 464 \\ \hline \end{array}$$

$$\begin{array}{r} 322 \\ - 221 \\ \hline \end{array}$$

$$\begin{array}{r} 998 \\ - 839 \\ \hline \end{array}$$



1 Rezolve subtrasaun sira tuirmai ne'e:

a. 

|       |   |   |
|-------|---|---|
| A     | N | U |
| 6     | 6 | 6 |
| -     | 5 | 5 |
| <hr/> |   |   |
|       |   |   |

b. 

|       |   |   |
|-------|---|---|
| A     | N | U |
| 4     | 4 | 2 |
| -     | 2 | 3 |
| <hr/> |   |   |
|       |   |   |

c. 

|       |   |   |
|-------|---|---|
| A     | N | U |
| 7     | 8 | 3 |
| -     | 2 | 3 |
| <hr/> |   |   |
|       |   |   |

d. 

|       |   |   |
|-------|---|---|
| A     | N | U |
| 3     | 5 | 1 |
| -     | 1 | 4 |
| <hr/> |   |   |
|       |   |   |

e. 

|       |   |   |
|-------|---|---|
| A     | N | U |
| 8     | 8 | 0 |
| -     | 2 | 3 |
| <hr/> |   |   |
|       |   |   |

f. 

|       |   |   |
|-------|---|---|
| A     | N | U |
| 7     | 7 | 4 |
| -     | 2 | 1 |
| <hr/> |   |   |
|       |   |   |

2 Rezolve subtrasaun sira tuirmai ne'e:

a. 

|       |   |   |
|-------|---|---|
| 7     | 8 | 6 |
| -     | 1 | 2 |
| <hr/> |   |   |

b. 

|       |   |   |
|-------|---|---|
| 4     | 3 | 2 |
| -     | 3 | 2 |
| <hr/> |   |   |

c. 

|       |   |   |
|-------|---|---|
| 5     | 4 | 3 |
| -     | 3 | 3 |
| <hr/> |   |   |

d. 

|       |   |   |
|-------|---|---|
| 9     | 8 | 7 |
| -     | 2 | 6 |
| <hr/> |   |   |

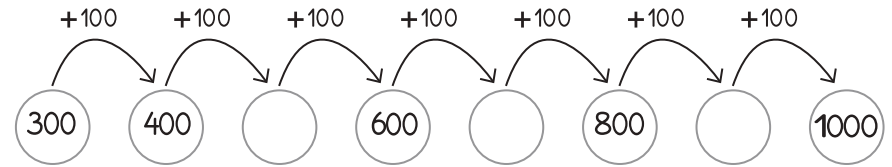
e. 

|       |   |   |
|-------|---|---|
| 7     | 6 | 5 |
| -     | 4 | 5 |
| <hr/> |   |   |

f. 

|       |   |   |
|-------|---|---|
| 9     | 8 | 7 |
| -     | 6 | 5 |
| <hr/> |   |   |

A Kompleta sírkulu ne'ebé mamuk.



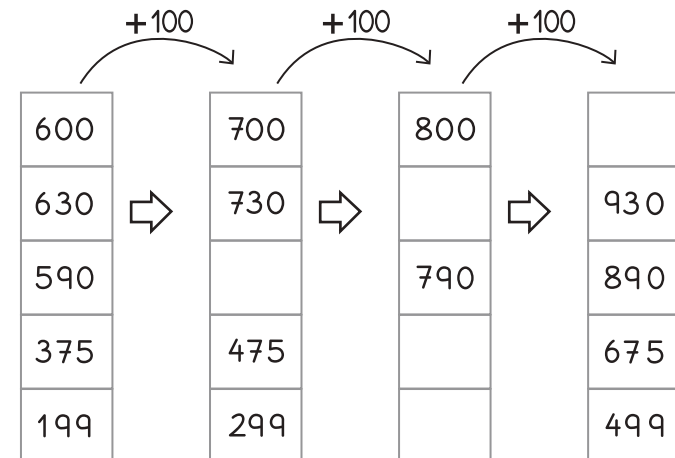
B Sura 100 hakat 100, husi númeru 150 to'o 950.

150, 250, \_\_, 450, 550, \_\_, 750, \_\_, 950

C Sura 100 hakat 100, husi 143 to'o 943.

|     |     |  |     |  |     |  |     |     |
|-----|-----|--|-----|--|-----|--|-----|-----|
| 143 | 243 |  | 443 |  | 643 |  | 843 | 943 |
|-----|-----|--|-----|--|-----|--|-----|-----|

D Kompleta kuadradu ne'ebé mamuk.



Hakerek númeru sira iha kraik ne'e ho liafuan dalen Tetun.

110 atus ida sanulu .....

120 atus ida ruanulu .....

130 .....

140 .....

150 .....

160 .....

170 .....

180 .....

190 .....

210 .....

220 .....

230 atus rua tolunulu .....

240 .....

250 .....

260 .....

270 .....

280 .....

290 .....

Rezolve subtrasaun sira tuirmai.

$$\begin{array}{r} \text{a) } 342 \\ - 231 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f) } 987 \\ - 345 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 267 \\ - 112 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g) } 593 \\ - 231 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c) } 233 \\ - 223 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h) } 754 \\ - 223 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d) } 541 \\ - 120 \\ \hline \end{array}$$

$$\begin{array}{r} \text{i) } 546 \\ - 333 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e) } 675 \\ - 124 \\ \hline \end{array}$$

$$\begin{array}{r} \text{j) } 968 \\ - 232 \\ \hline \end{array}$$

1 Uza kálkulu vertikál atu determina valór hosi:

a.  $42 - 31 = \underline{\quad}$

b.  $76 - 45 = \underline{\quad}$

c.  $98 - 54 = \underline{\quad}$

d.  $60 - 30 = \underline{\quad}$

e.  $79 - 79 = \underline{\quad}$

f.  $86 - 71 = \underline{\quad}$

g.  $45 - 15 = \underline{\quad}$

h.  $96 - 53 = \underline{\quad}$

i.  $46 - 42 = \underline{\quad}$

j.  $96 - 69 = \underline{\quad}$

2 Determina valór husi:

|       |   |
|-------|---|
| N     | U |
| 4     | 3 |
| - 1   | 4 |
| <hr/> |   |
|       |   |

|       |   |
|-------|---|
| N     | U |
| 8     | 5 |
| - 3   | 6 |
| <hr/> |   |
|       |   |

|       |   |
|-------|---|
| N     | U |
| 7     | 3 |
| - 6   | 5 |
| <hr/> |   |
|       |   |

|       |   |
|-------|---|
| N     | U |
| 5     | 1 |
| - 2   | 5 |
| <hr/> |   |
|       |   |

|       |   |
|-------|---|
| N     | U |
| 6     | 2 |
| - 3   | 4 |
| <hr/> |   |
|       |   |

|       |   |
|-------|---|
| N     | U |
| 5     | 4 |
| - 3   | 2 |
| <hr/> |   |
|       |   |

Hakerek númeru sira iha kraik ne'e ho liafuan dalen Tetun.

310 atus tolu sanulu .....

320 .....

330 .....

340 .....

350 .....

360 .....

370 .....

380 .....

390 .....

410 .....

420 .....

430 atus haat tolunulu .....

440 .....

450 .....

460 .....

470 .....

480 .....

490 .....

Hakerek númeru sira iha kraik ne'e ho liafuan dalen Tetun.

- 550 .....
- 580 .....
- 600 .....
- 660 .....
- 690 .....
- 700 .....
- 720 .....
- 730 .....
- 810 .....
- 840 .....
- 860 .....
- 880 .....
- 960 .....
- 970 .....
- 990 .....
- 1000 .....

g)  $49 - 25 = \underline{\quad}$   $\Rightarrow$   $\underline{\quad}$

h)  $57 - 40 = \underline{\quad}$   $\Rightarrow$   $\underline{\quad}$

i)  $55 - 34 = \underline{\quad}$   $\Rightarrow$   $\underline{\quad}$

j)  $82 - 11 = \underline{\quad}$   $\Rightarrow$   $\underline{\quad}$

**2 Determina valór husi:**

|     |   |
|-----|---|
| N   | U |
| 3   | 6 |
| - 2 | 4 |
|     |   |

|     |   |
|-----|---|
| N   | U |
| 7   | 8 |
| - 1 | 2 |
|     |   |

|     |   |
|-----|---|
| N   | U |
| 7   | 9 |
| - 2 | 2 |
|     |   |

|     |   |
|-----|---|
| N   | U |
| 4   | 3 |
| - 2 | 0 |
|     |   |

- ① Hakerek filafali ho forma vertikál. Uza kopu ho ai-sanak, halo subtrasaun ba númeru tuirmai ne'e:

$$\text{a) } 54 - 14 = \underline{40} \quad \Rightarrow \quad \begin{array}{r} 54 \\ - 14 \\ \hline 40 \end{array}$$

$$\text{b) } 85 - 5 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} \phantom{8}5 \\ - \phantom{8}\phantom{5} \\ \hline \phantom{8}\phantom{5} \end{array}$$

$$\text{c) } 75 - 24 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} \phantom{7}5 \\ - \phantom{7}2\phantom{4} \\ \hline \phantom{7}\phantom{5} \end{array}$$

$$\text{d) } 61 - 30 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} \phantom{6}1 \\ - \phantom{6}\phantom{1} \\ \hline \phantom{6}\phantom{1} \end{array}$$

$$\text{e) } 30 - 20 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} \phantom{3}0 \\ - \phantom{3}\phantom{0} \\ \hline \phantom{3}\phantom{0} \end{array}$$

$$\text{f) } 65 - 34 = \underline{\quad} \quad \Rightarrow \quad \begin{array}{r} \phantom{6}5 \\ - \phantom{6}3\phantom{4} \\ \hline \phantom{6}\phantom{5} \end{array}$$

Hakerek númeru sira iha kraik ne'e ho liafuan dalen Tetun.

114    atus ida sanulu-resin-haat .....

126 .....

132 .....

293 .....

241 .....

359 .....

208    atus rua resin-ualu .....

230 .....

340 .....

395 .....

361 .....

474 .....

405 .....

499 .....

Hakerek númeru sira iha kraik ne'e  
ho liafuan dalen Tetun.

553 .....

562 .....

508 .....

650 .....

667 .....

679 .....

610 .....

701 .....

727 .....

700 .....

819 .....

826 .....

804 .....

871 .....

818 .....

899 .....

916 .....

972 .....

990 .....

1000 .....

Rezolve problema sira-ne'e.

- ① Señora Maria iha hudi-hun **39**, ai-dila-hun **78** no saburaka hun **12**. Señora Maria iha ai-hun hira?
  
- ② Iha kioske ema fa'an rebusadu oioin. Horisehik ema hola ona mentos **245**, ailia **123**, babol **36** no kopiko **86**. Hamutuk rebusadu hira mak ema hola?
  
- ③ Iha Ana nia eskola iha estudante na'in **67** iha klase 1, na'in **58** iha klase 2, na'in **60** iha klase 3 no na'in **55** iha klase 4. Hamutuk estudante na'in hira iha Ana nia eskola?

Rezolve adisaun tuirmai ne'e:

a.  $53 + 133 + 12 = \underline{198}$

| A | N | U |
|---|---|---|
|   | 5 | 3 |
|   | 1 | 3 |
| + |   | 1 |
|   |   | 2 |
|   | 1 | 9 |
|   |   | 8 |

b.  $3 + 11 + 331 = \underline{\quad}$

| A | N | U |
|---|---|---|
|   |   |   |
| + |   |   |
|   |   |   |

c.  $10 + 14 + 122 = \underline{\quad}$

| A | N | U |
|---|---|---|
|   |   |   |
| + |   |   |
|   |   |   |

d.  $140 + 100 + 112 = \underline{\quad}$

| A | N | U |
|---|---|---|
|   |   |   |
| + |   |   |
|   |   |   |

e.  $111 + 1 + 222 = \underline{\quad}$

| A | N | U |
|---|---|---|
|   |   |   |
| + |   |   |
|   |   |   |

Identifika númeru sira iha koluna laran no hakerek “P” ba númeru pár no “IM” ba númeru impar iha fatin mamuk sira.

13 IM

14 .....

15 .....

16 .....

17 .....

18 .....

19 .....

20 .....

25 .....

28 .....

30 .....

31 .....

33 .....

40 .....

42 .....

44 .....

46 .....

48 .....

50 .....

60 .....

65 .....

69 .....

79 .....

80 .....

84 .....

99 .....

101 .....

138 .....

140 .....

1000 .....

Prenxe tabela tuir númeru sira-nia orden grandeza.

|       | Rihun | Atus | Nulu | Unidade |
|-------|-------|------|------|---------|
| 467   |       | 4    | 6    | 7       |
| Valór |       | 400  | 60   | 7       |
| 601   |       |      |      |         |
| Valór |       |      |      |         |
| 30    |       |      |      |         |
| Valór |       |      |      |         |
| 9     |       |      |      |         |
| Valór |       |      |      |         |
| 800   |       |      |      |         |
| Valór |       |      |      |         |
| 206   |       |      |      |         |
| Valór |       |      |      |         |
| 115   |       |      |      |         |
| Valór |       |      |      |         |
| 1000  | 1     | 0    | 0    | 0       |
| Valór |       |      |      |         |

Rezolve no hakerek operasaun iha parte loos ne'ebé prepara.

- A** Tiu Malikias iha oan-feto na'in-3 no oan-mane na'in-7.  
Nia iha oan hamutuk na'in hira?

$$\begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array}$$

- B** João silu batar fulin 250.  
Depois nia silu tan batar fulin 50.  
Entaun João silu batar hamutuk fulin hira?

$$+ \underline{\hspace{2cm}}$$

- C** Mauloi iha loja boot ida.  
Loron ida iha dadeer ema sosa foos karón 74.  
no loro-kraik ema sosa tan foos karón 89.  
Foos karón hamutuk hira mak ema sosa hosi Maulio nia loja?

$$+ \underline{\hspace{2cm}}$$

- D** Hosi estudante iha eskola filiál báziku Orlalan,  
iha feto na'in-118 no mane iha na'in-212.  
Hamutuk iha total estudante na'in hira?

$$+ \underline{\hspace{2cm}}$$

- E** António nia osan sentavu 45,  
no nia apá fó tan sentavu 27.  
Agora António nia osan hamutuk hira?

$$+ \underline{\hspace{2cm}}$$



1 Rezolve adisaun sira tuirmai.

$$\begin{array}{r} \text{a)} \quad 4 \ 5 \\ + \ 1 \ 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b)} \quad 1 \ 8 \ 1 \\ + \ 2 \ 0 \ 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 4 \\ + \ 9 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d)} \quad 2 \ 6 \ 5 \\ + \ 1 \ 2 \ 6 \\ \hline \end{array}$$

2 Rezolve adisaun iha kraik ne'e.

$$\begin{array}{r} \text{a)} \quad 3 \ 2 \\ + \ 5 \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d)} \quad 5 \ 3 \ 7 \\ + \ 2 \ 6 \ 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b)} \quad 1 \ 9 \ 6 \\ + \ 1 \ 1 \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e)} \quad 4 \ 5 \\ + \ 8 \ 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 9 \ 4 \\ + \ 2 \ 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f)} \quad 1 \ 5 \ 7 \\ + \ 5 \ 4 \ 6 \\ \hline \end{array}$$

A Rezolve adisaun no subtrasaun tuirmai ne'e:

$$14 + 1 = \underline{\quad}$$

$$14 - 1 = \underline{\quad}$$

$$15 + 4 = \underline{\quad}$$

$$15 - 4 = \underline{\quad}$$

$$20 - 9 = \underline{\quad}$$

$$10 + 8 = \underline{\quad}$$

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

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

$$9 + 6 = \underline{\quad}$$

$$13 + 3 = \underline{\quad}$$

B Espresa problema simples iha kraik ne'e ho símbolu matemátika:

- a. Angelo lori borraxa **10** atu bá halimar, no nia manán borraxa **6**. Hamutuk Angelo nia borraxa hira agora?

$$\dots + \dots = \dots$$

- b. Ana hakiak fahi-inan **2**. Fahi-inan rua ne'e oan tan hamutuk **9**. Hamutuk Ana hakiak fahi (fahi-inan no fahi-oan) hira?

$$\dots + \dots = \dots$$

Dalan hakerek númeru ordinál sira iha dalen Tetun.

| Tetun                  | Abreviatura |
|------------------------|-------------|
| • Dahuluk              | Da-1        |
| • Daruak               | Da-2        |
| • Datoluk              | Da-3        |
| • Dahaat               | Da-4        |
| • Dalimak              | Da-5        |
| • Daneen               | Da-6        |
| • Dahituk              | Da-7        |
| • Dauluk               | Da-8        |
| • Dasiak               | Da-9        |
| • Dasanuluk            | Da-10       |
| • Dasanulu-resin-idak  | Da-11       |
| • Dasanulu-resin-ruak  | Da-12       |
| • Dasanulu-resin-toluk | Da-13       |
| • Dasanulu-resin-haat  | Da-14       |
| • Dasanulu-resin-limak | Da-15       |
| • Dasanulu-resin-neen  | Da-16       |
| • Dasanulu-resin-hituk | Da-17       |
| • Dasanulu-resin-ualuk | Da-18       |
| • Dasanulu-resin-siak  | Da-19       |
| • Daruanuluk           | Da-20       |

Rezolve adisaun sira-ne'e.

a.

|     |   |   |
|-----|---|---|
| A   | N | U |
| 1   | ① | 4 |
| + 4 | 5 | 7 |
| 5   | 8 | 1 |

d.

|     |   |   |
|-----|---|---|
| A   | N | U |
| 3   | 5 | 9 |
| + 3 | 6 | 3 |
|     |   |   |

b.

|     |   |   |
|-----|---|---|
| A   | N | U |
| 2   | 4 | 5 |
| + 1 | 5 | 7 |
|     |   |   |

e.

|     |   |   |
|-----|---|---|
| A   | N | U |
| 2   | 7 | 6 |
| + 4 | 3 | 4 |
|     |   |   |

c.

|     |   |   |
|-----|---|---|
| A   | N | U |
| 2   | 6 | 2 |
| + 2 | 5 | 6 |
|     |   |   |

f.

|     |   |   |
|-----|---|---|
| A   | N | U |
| 2   | 8 | 5 |
| + 5 | 1 | 5 |
|     |   |   |

Rezolve adisaun sira-ne'e.

• Haree figura hosi etapa ida Tour de Timor 2013.

a.

|       |   |   |   |
|-------|---|---|---|
|       | A | N | U |
|       |   | 1 |   |
|       |   | 1 | 5 |
| +     |   | 1 | 8 |
| <hr/> |   |   |   |
|       |   | 3 | 3 |

d.

|       |   |   |   |
|-------|---|---|---|
|       | A | N | U |
|       |   |   |   |
|       | 1 | 1 | 5 |
| +     | 1 | 5 | 5 |
| <hr/> |   |   |   |
|       |   |   |   |

b.

|       |   |   |   |
|-------|---|---|---|
|       | A | N | U |
|       |   |   |   |
|       | 3 | 4 | 2 |
| +     | 1 | 5 | 8 |
| <hr/> |   |   |   |
|       |   |   |   |

e.

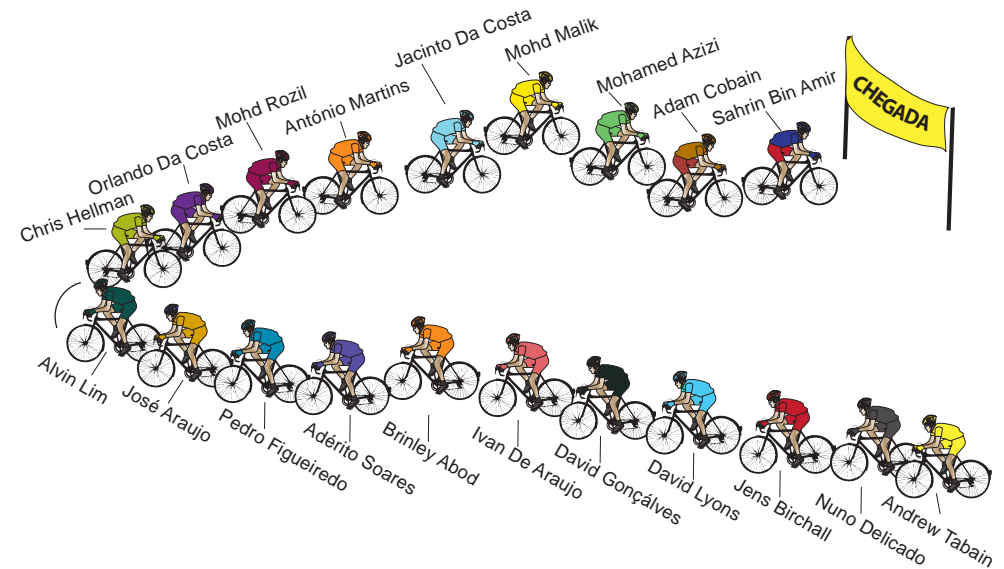
|       |   |   |   |
|-------|---|---|---|
|       | A | N | U |
|       |   |   |   |
|       | 4 | 2 | 5 |
| +     | 3 | 5 | 8 |
| <hr/> |   |   |   |
|       |   |   |   |

c.

|       |   |   |   |
|-------|---|---|---|
|       | A | N | U |
|       |   |   |   |
|       | 6 | 9 | 9 |
| +     | 1 | 0 | 9 |
| <hr/> |   |   |   |
|       |   |   |   |

f.

|       |   |   |   |
|-------|---|---|---|
|       | A | N | U |
|       |   |   |   |
|       | 5 | 6 | 7 |
| +     | 2 | 6 | 7 |
| <hr/> |   |   |   |
|       |   |   |   |

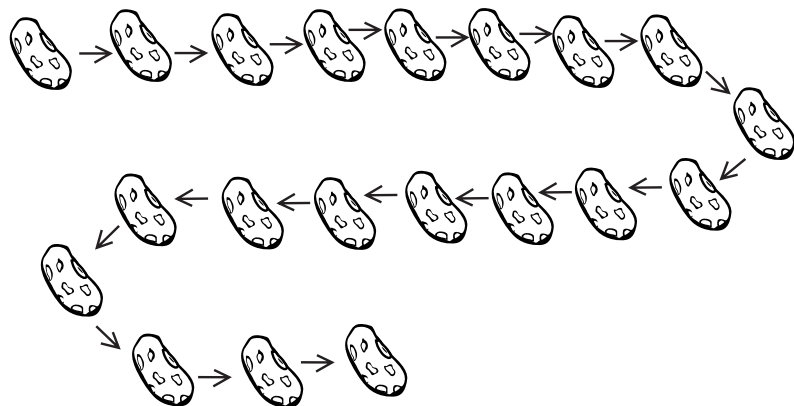


• Hakerek siklista nia pozisaun komesa hosi Shahrin Bin Amir.

| Siklista           | Pozisaun        | Siklista           | Pozisaun |
|--------------------|-----------------|--------------------|----------|
| • Sahrin Bin Amir  | Dahuluk ( Da-1) | • José Araujo      | _____    |
| • Adam Cobain      | _____           | • Pedro Figueiredo | _____    |
| • Mohamed Azizi    | _____           | • Adérito Soares   | _____    |
| • Mohd Malik       | _____           | • Brinley Abod     | _____    |
| • Jacinto Da Costa | _____           | • Ivan De Araujo   | _____    |
| • António Martins  | _____           | • David Gonçalves  | _____    |
| • Mohd Rozil       | _____           | • David Lyons      | _____    |
| • Orlando Da Costa | _____           | • Jens Birchall    | _____    |
| • Chris Hellman    | _____           | • Nuno Delicado    | _____    |
| • Alvin Lim        | _____           | • Andrew Tabain    | _____    |

Haree koto-musan sira-ne'e:

Da-1



- Sura koto-musan tuir númeru ordinál hosi **da-1** to'o dahikus. Tuir sinál hatudu.
- Tau kór ba koto-musan **da-2** no **da-5**.
- Marka koto-musan **da-6** no **da-8**.
- Tau sírkulu ba koto-musan **da-11** no **da-19**.
- Tau kuadradu ba koto-musan **da-3** no **da-17**.
- Hakerek koto-musan nia pozisaun ba koto-musan ne'ebé seidauk tau marka.

Rezolve adisaun sira-ne'e.

a.

|   | A | N        | U        |
|---|---|----------|----------|
|   |   | 2        | 5        |
| + |   | 1        | 2        |
|   |   | <b>3</b> | <b>7</b> |

d.

|   | A | N | U |
|---|---|---|---|
|   |   | 2 | 3 |
| + |   | 1 | 2 |
|   |   |   |   |

b.

|   | A | N | U |
|---|---|---|---|
|   |   | 2 | 3 |
| + |   | 1 | 4 |
|   |   |   |   |

e.

|   | A | N | U |
|---|---|---|---|
|   |   | 2 | 6 |
| + |   | 3 | 2 |
|   |   |   |   |

c.

|   | A | N | U |
|---|---|---|---|
|   |   | 6 | 9 |
| + |   | 1 | 0 |
|   |   |   |   |

f.

|   | A | N | U |
|---|---|---|---|
|   |   | 5 | 6 |
| + |   | 3 | 2 |
|   |   |   |   |

Rezolve adisaun sira-ne'e.

a.  $26 + 53 = \underline{79}$   $\Rightarrow$

| A | N        | U        |
|---|----------|----------|
|   | 2        | 6        |
| + | 5        | 3        |
|   | <b>7</b> | <b>9</b> |

b.  $248 + 251 = \underline{\quad}$   $\Rightarrow$

| A | N | U |   |
|---|---|---|---|
|   | 2 | 4 | 8 |
| + | 2 | 5 | 1 |
|   |   |   |   |

c.  $346 + 422 = \underline{\quad}$   $\Rightarrow$

| A | N | U |   |
|---|---|---|---|
|   | 3 | 4 | 6 |
| + | 4 | 2 | 2 |
|   |   |   |   |

d.  $122 + 857 = \underline{\quad}$   $\Rightarrow$

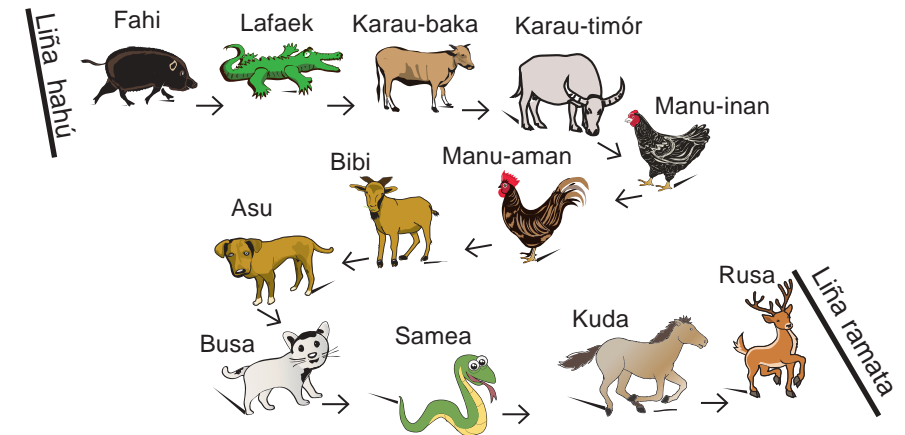
| A | N | U |   |
|---|---|---|---|
|   | 1 | 2 | 2 |
| + | 8 | 5 | 7 |
|   |   |   |   |

• Dalan hakerek númeru ordinál sira iha lian Portugés

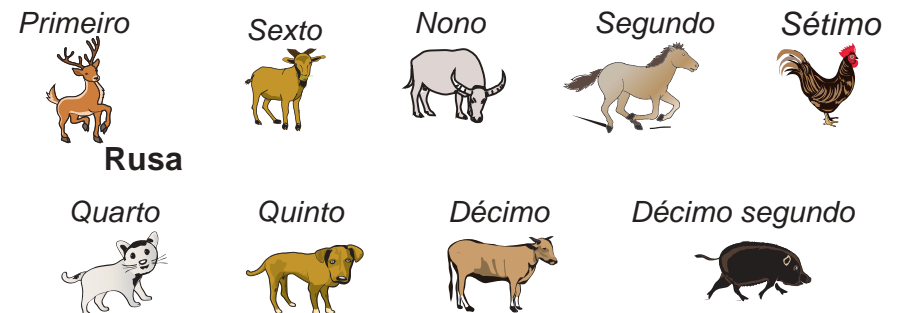
| Portugés        | Abreviatura Portugés |
|-----------------|----------------------|
| <i>Primeiro</i> | 1°                   |
| <i>Segundo</i>  | 2°                   |
| <i>Terceiro</i> | 3°                   |
| <i>Quarto</i>   | 4°                   |
| <i>Quinto</i>   | 5°                   |
| <i>Sexto</i>    | 6°                   |

| Portugés               | Abreviatura Portugés |
|------------------------|----------------------|
| <i>Sétimo</i>          | 7°                   |
| <i>Oitavo</i>          | 8°                   |
| <i>Nono</i>            | 9°                   |
| <i>Décimo</i>          | 10°                  |
| <i>Décimo primeiro</i> | 11°                  |
| <i>Décimo segundo</i>  | 12°                  |

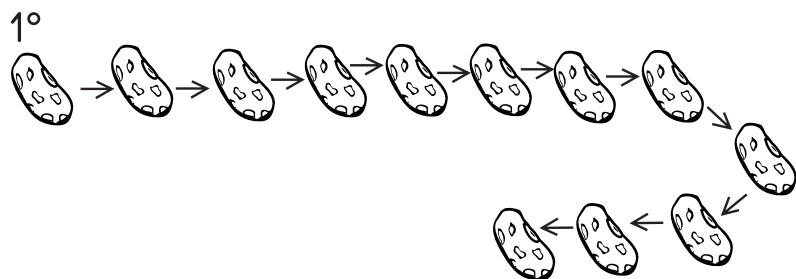
• Haree figura iha kraik ne'e:



• Hakerek balada sira-nia naran tuir sira-nia pozisaun ne'ebé besik liña ramata.



## Haree koto-musan sira-ne'e:



- Sura koto-musan tuir númeru ordinál, hosi 1° to'o último, tuir sinál hatudu.
- Tau kór ba koto-musan 4° no 6° .
- Marka koto-musan 10° no 7° .
- Tau sírkulu ba koto-musan 12° no 1° .
- Tau kuadradu ba koto-musan 5° no 11° .
- Hakerek koto-musan nia pozisaun ba koto-musan ne'ebé seidak tau marka, iha koto-musan nia kraik.

## Kalkula mentalmente subtrasaun tuirmai ne'e:

- $300 - 100 = \underline{200}$
- $107 - 100 = \underline{\quad}$
- $128 - 100 = \underline{\quad}$
- $140 - 100 = \underline{\quad}$
- $110 - 100 = \underline{\quad}$
- $190 - 100 = \underline{\quad}$
- $101 - 100 = \underline{\quad}$
- $220 - 100 = \underline{\quad}$
- $250 - 100 = \underline{\quad}$
- $223 - 100 = \underline{\quad}$
- $201 - 100 = \underline{\quad}$
- $308 - 100 = \underline{\quad}$

Kalkula mentalmente rezultadu hosi adisaun tuirmai ne'e:

a.  $100 + 3 = \underline{103}$

b.  $100 + 7 = \underline{\quad}$

c.  $100 + 84 = \underline{\quad}$

d.  $100 + 40 = \underline{\quad}$

e.  $100 + 14 = \underline{\quad}$

f.  $100 + 5 = \underline{\quad}$

g.  $100 + 90 = \underline{\quad}$

h.  $100 + 220 = \underline{\quad}$

i.  $100 + 250 = \underline{\quad}$

j.  $100 + 223 = \underline{\quad}$

k.  $100 + 73 = \underline{\quad}$

l.  $100 + 37 = \underline{\quad}$

Utiliza símbolu matemátika  $<$  (menór),  $>$  (maiór),  $=$  (iguál), atu kompleta espresaun tuirmai ne'e:

$$475 < 685$$

$$820 \underline{\quad} 820$$

$$556 \underline{\quad} 1000$$

$$892 \underline{\quad} 591$$

$$591 \underline{\quad} 555$$

$$555 \underline{\quad} 851$$

$$851 \underline{\quad} 865$$

$$996 \underline{\quad} 969$$

$$892 > 591 > 555$$

$$851 \underline{\quad} 865 \underline{\quad} 882$$

$$405 \underline{\quad} 450 \underline{\quad} 504$$

$$1000 \underline{\quad} 999 \underline{\quad} 789$$

**A** Hakerek tuir forma krexente.

34 , 87 , 65 , 98 , 43

\_\_\_\_ , \_\_\_\_ , \_\_\_\_ , \_\_\_\_ , \_\_\_\_

965 , 357 , 763 , 451

\_\_\_\_ , \_\_\_\_ , \_\_\_\_ , \_\_\_\_

124 , 982 , 467 , 382

\_\_\_\_ , \_\_\_\_ , \_\_\_\_ , \_\_\_\_

548 , 235 , 865 , 1000 , 679

\_\_\_\_ , \_\_\_\_ , \_\_\_\_ , \_\_\_\_ , \_\_\_\_

**B** Hakerek tuir forma dekrexente.

45 , 97 , 38 , 92 , 12

\_\_\_\_ , \_\_\_\_ , \_\_\_\_ , \_\_\_\_ , \_\_\_\_

463 , 175 , 663 , 9514

\_\_\_\_ , \_\_\_\_ , \_\_\_\_ , \_\_\_\_





214 , 892 , 476 , 238

\_\_\_\_ , \_\_\_\_ , \_\_\_\_ , \_\_\_\_



100 , 1000 , 184 , 946 , 42

\_\_\_\_ , \_\_\_\_ , \_\_\_\_ , \_\_\_\_ , \_\_\_\_

**1** Kompletta tabela ho informasaun kona-ba sólidu.

| sólidu jeométriku   | Naran | Superfisie |       |
|---|-------|------------|-------|
|   |       | Plana      | Kurva |
|  |       |            |       |
|  |       |            |       |
|  |       | X          | X     |
|  |       |            |       |

**2** Kompletta tabela ho informasaun kona-ba sólidu ho superfísie plana de'it.

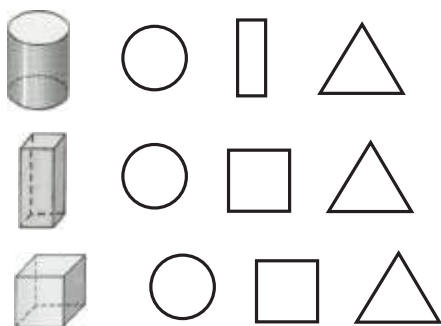
| sólidu jeométriku   | Naran | Vértise | Aresta | Fase |
|---|-------|---------|--------|------|
|  |       | 8       |        |      |
|  |       |         |        | 6    |



1 Dada liña simetria husi figura jeométrika iha kraik.



2 Pinta figura jeométrika ne'ebé hetan husi sólidu jeométriku sira-ne'e.



Koko halo dezeńu sólidu jeométriku sira.

| Esfera | Silindru | Kubu | Prizma kuadrangulár |
|--------|----------|------|---------------------|
|        |          |      |                     |

A Utiliza símbolu =, < ka > no kompleta espresaun tuirmai ne'e:

|              |             |             |
|--------------|-------------|-------------|
| 169 < 196    | 387 ___ 378 | 551 ___ 505 |
| 1000 ___ 100 | 897 ___ 897 | 445 ___ 625 |
| 750 ___ 750  | 766 ___ 767 | 890 ___ 890 |

B Hakerek tuir forma krexente.

332, 865, 679, 158, 372

\_\_\_ < \_\_\_ < \_\_\_ < \_\_\_ < \_\_\_

885, 1000, 286, 565, 652

\_\_\_ < \_\_\_ < \_\_\_ < \_\_\_ < \_\_\_

C Hakerek tuir forma dekrexente.

554, 548, 235, 286, 652

\_\_\_ > \_\_\_ > \_\_\_ > \_\_\_ > \_\_\_

554, 235, 865, 579, 286

\_\_\_ > \_\_\_ > \_\_\_ > \_\_\_ > \_\_\_

**A** Kompleta kór ba kuadradu no sírkulu mamuk tuir forma regularidade nian.

Mean-azúl-azúl-kinur



Matak-kinur-mean-mean-azúl



**B** Pinta kór oin tolu ba sírkulu mamuk ho forma regularidade.



**C** Pinta kór oioin ba kuadradu mamuk ho forma regularidade.



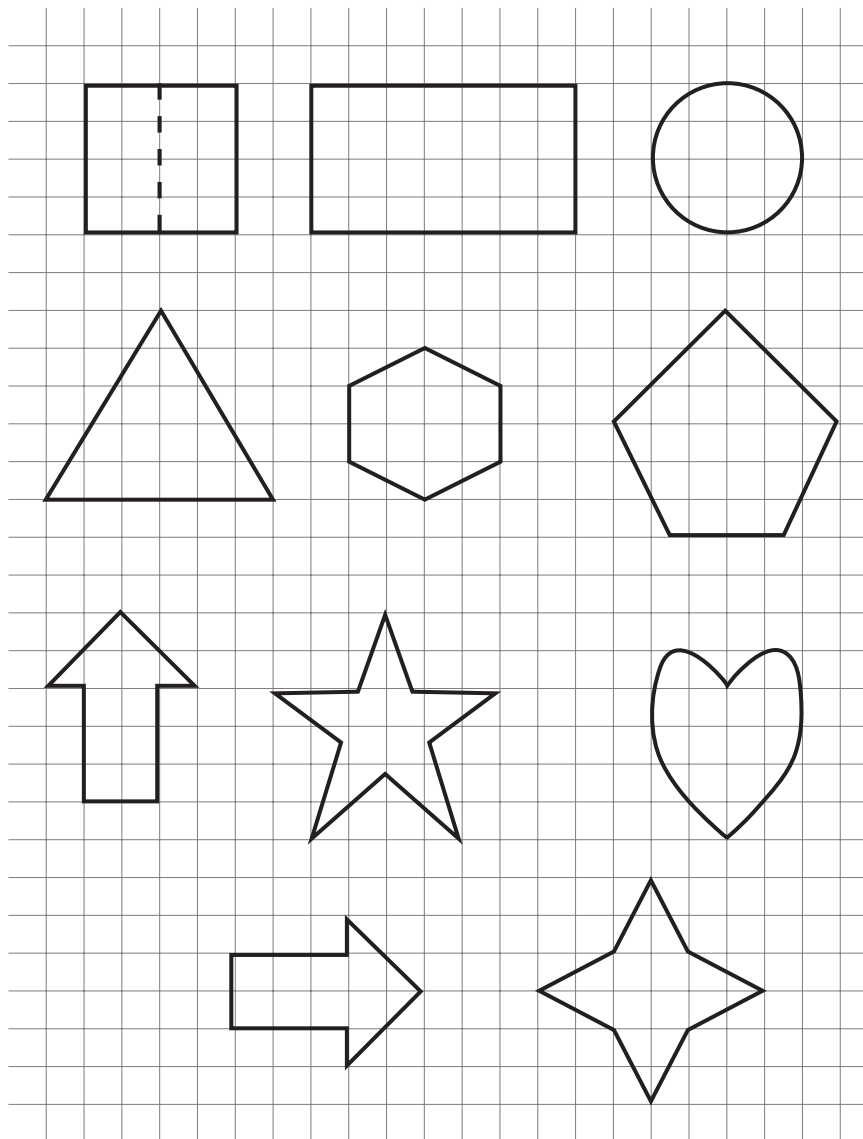
**D** Haree no identifika kuadradu sira iha kraik ne'e. Pinta hale'u kuadradu sira-ne'ebé mak sai hanesan padraun.



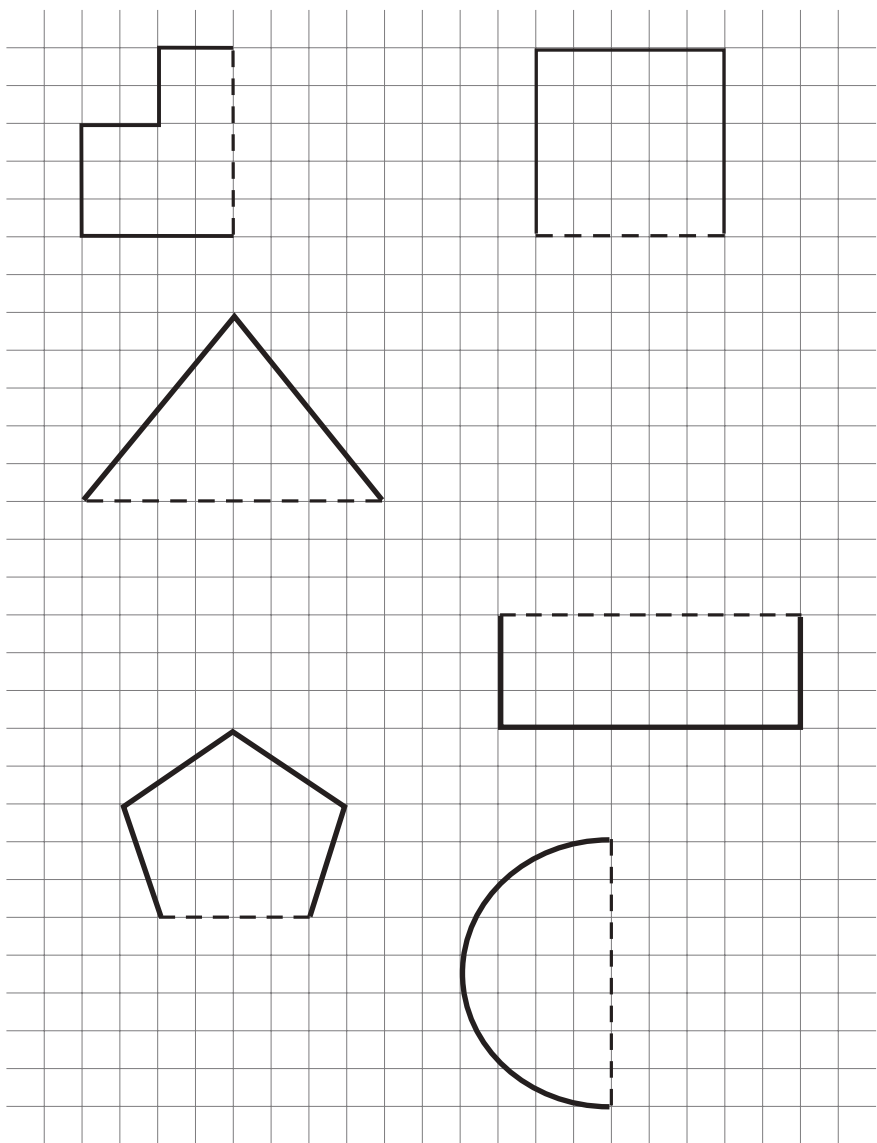
**E** Halo dezeñu tuir padraun (kuadradu-sírkulu-triángulu-retángulu) no repete padraun to'o dala tolu.



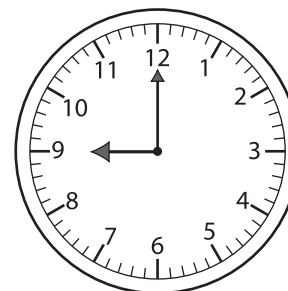
Dada liña simetria iha figura jeométrika iha kraik



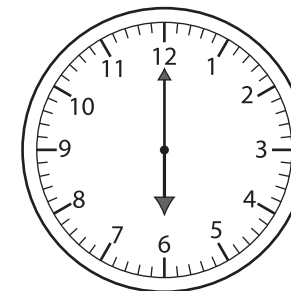
Dezeña figura seluk iha figura ida-idak nia sorin, atu halo figura sira sai simétriku.



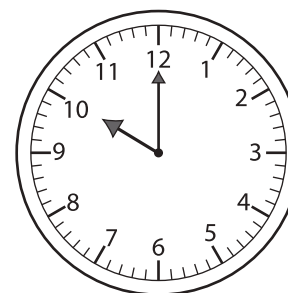
Hakerek oras ne'ebé hatudu iha figura relójiu



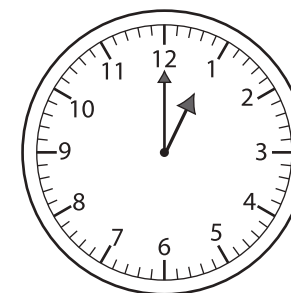
\_\_\_ :00



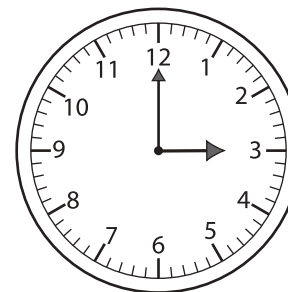
\_\_\_ :00



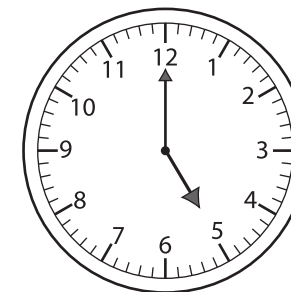
\_\_\_ :00



\_\_\_ :00

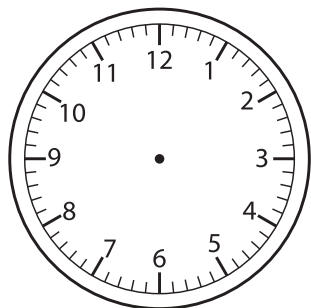


\_\_\_ :00

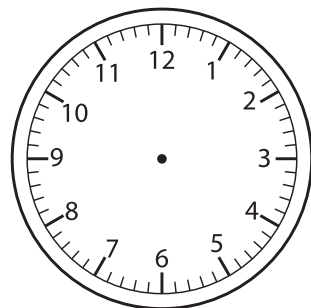


\_\_\_ :00

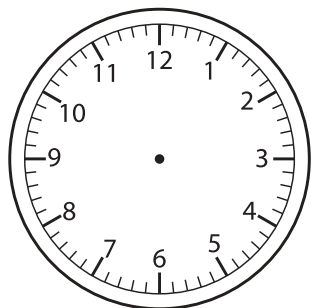
Pinta ponteiru sira iha figura relójiu tuir oras ne'ebé hatudu



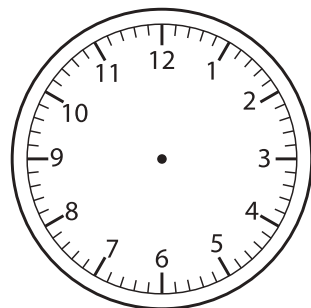
**3:30**



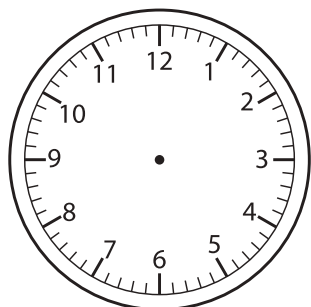
**6:00**



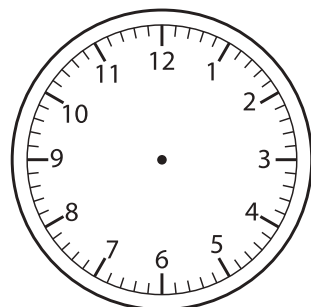
**7:30**



**12:00**

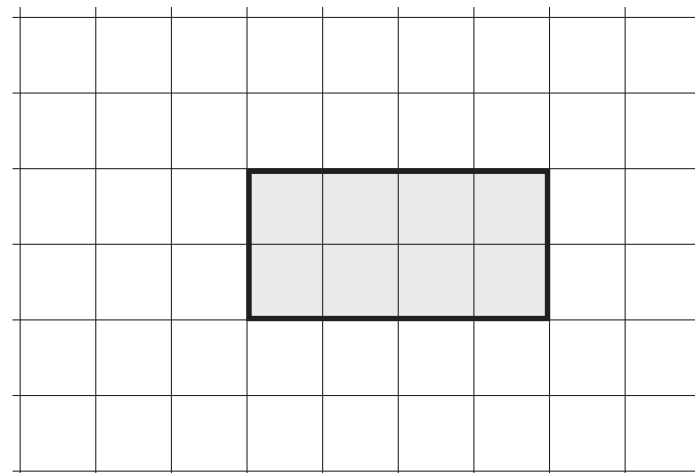


**1:30**



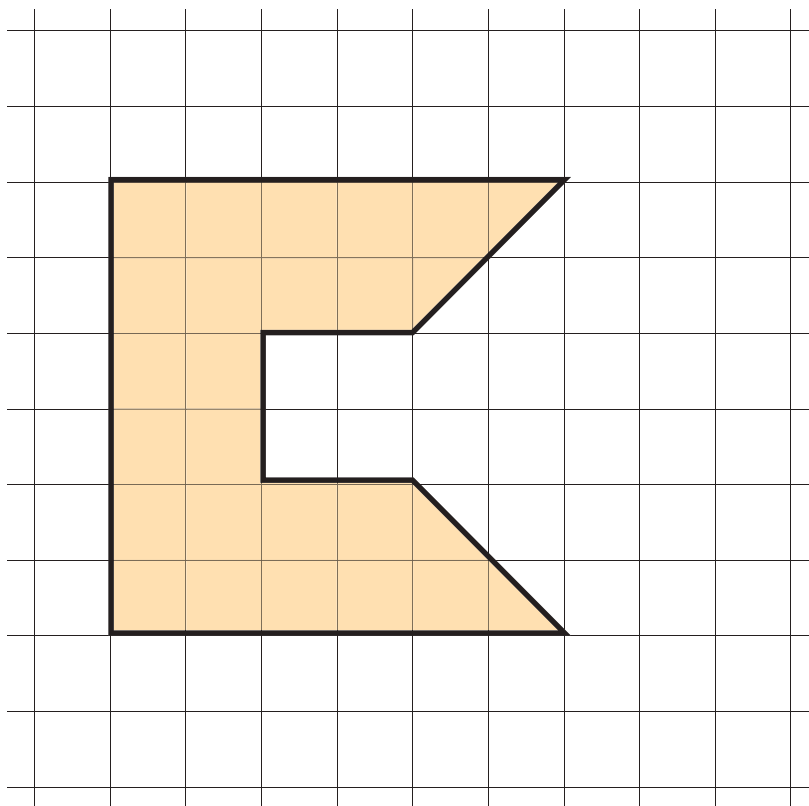
**9:30**

Haree figura jeométrika tuirmai ne'e.



- Figura jeométrika iha leten mak figura jeométrika simples. Figura jeométrika ne'e naran saida?
- Uza o-nia régua no sukat figura jeométrika ninia ninin hotu. Hakerek rezultadu besik ninin ida-idak.
- Kalkula perímetru husi figura jeométrika ne'e

Haree figura jeométrika sira iha figura tuirmai ne'e:



- a) Figura jeométrika iha leten mak figura jeométrika lasimples. Pinta liña reta atu dekompor figura jeométrika ne'e sai figura jeométrika simples.
- b) Tuir o-nia dekomposisaun, figura jeométrika simples saida de'it mak o hetan?
- c) Figura jeométrika ne'e nia área hira?

Prenxe liña ne'ebé mamuk tuir orden loron nian.

- a. Segunda    Tersa    Kuarta
- b. Sábado    Domingu    \_\_\_\_\_
- c. Kinta    \_\_\_\_\_    Sábado
- d. \_\_\_\_\_    Segunda    Tersa
- e. Sesta    \_\_\_\_\_    Domingu
- f. Tersa    Kuarta    \_\_\_\_\_
- g. Kuarta    \_\_\_\_\_    \_\_\_\_\_
- h. \_\_\_\_\_    Tersa    \_\_\_\_\_
- i. \_\_\_\_\_    \_\_\_\_\_    Domingu
- j. \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_
- k. Domingu    \_\_\_\_\_    Tersa

Troka ba forma vertikál no rezolve!

a.  $7 + 5 = \underline{12}$   $\Rightarrow$ 

|   |   |
|---|---|
| N | U |
| 7 | 7 |
| + | 5 |
| 1 | 2 |

b.  $8 + 3 = \underline{\quad}$   $\Rightarrow$ 

|   |   |
|---|---|
| N | U |
|   |   |
| + |   |
|   |   |

c.  $9 + 4 = \underline{\quad}$   $\Rightarrow$ 

|   |   |
|---|---|
| N | U |
|   |   |
| + |   |
|   |   |

d.  $10 + 6 = \underline{\quad}$   $\Rightarrow$ 

|   |   |
|---|---|
| N | U |
|   |   |
| + |   |
|   |   |

f.  $8 + 11 = \underline{\quad}$   $\Rightarrow$ 

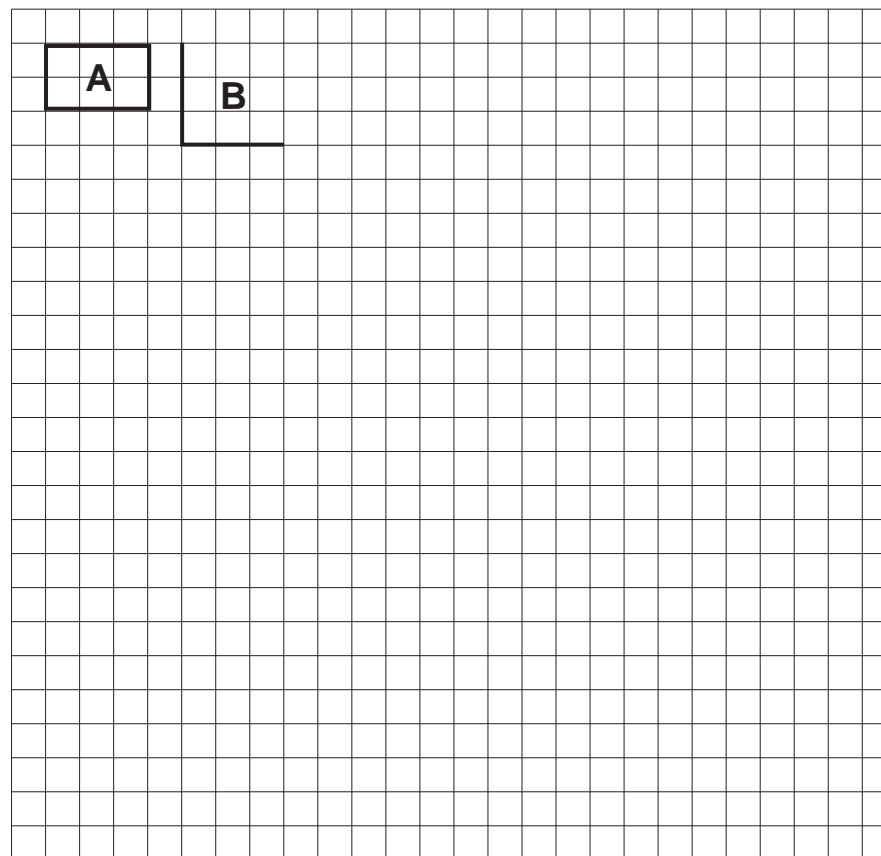
|   |   |
|---|---|
| N | U |
|   |   |
| + |   |
|   |   |

g.  $5 + 13 = \underline{\quad}$   $\Rightarrow$ 

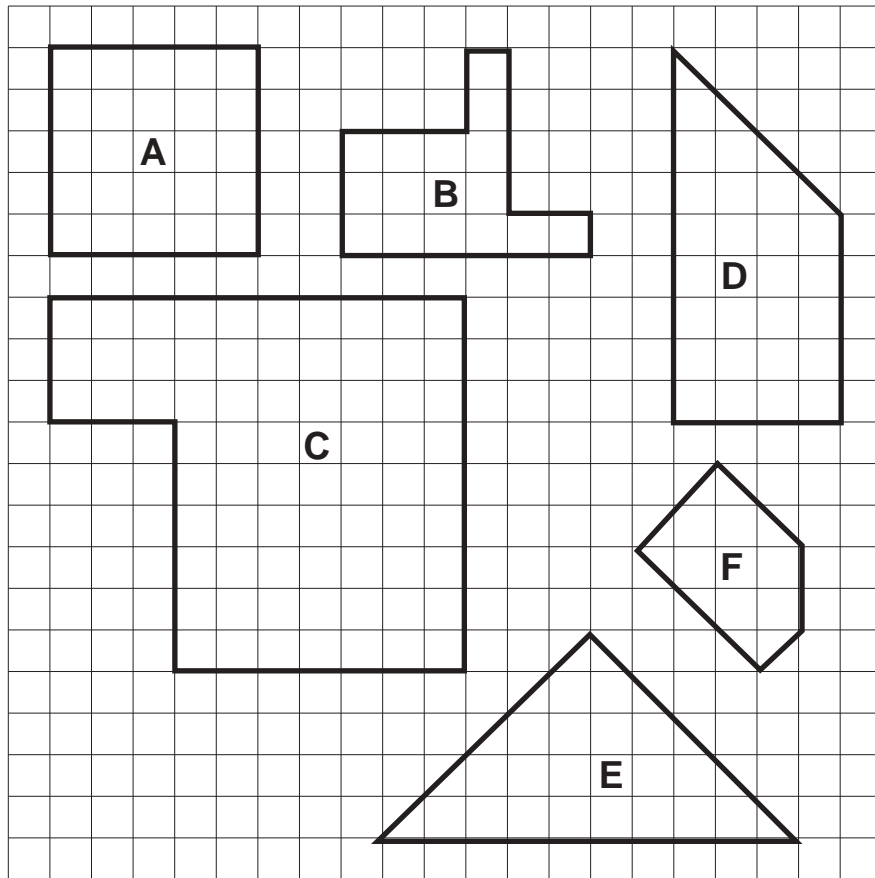
|   |   |
|---|---|
| N | U |
|   |   |
| + |   |
|   |   |

Halo figura jeométrika sira (simples ka la simples) ho área tuirmai ne'e:

| Figura Jeométrika | Área (Kuadríkula) |
|-------------------|-------------------|
| A                 | 6                 |
| B                 | 9                 |
| C                 | 8                 |
| D                 | 7                 |
| E                 | 13                |
| F                 | 16                |



Sura área hosi figura jeométrika no hakerek sira-nia área iha tabela tuirmai ne'e:



| Figura Jeométrika | Área (Kuadríkula) |
|-------------------|-------------------|
| A                 |                   |
| B                 |                   |
| C                 |                   |
| D                 |                   |
| E                 |                   |
| F                 |                   |

Rezolve adisaun sira tuirmai ne'e

$$\begin{array}{r|l} \text{N} & \text{U} \\ \hline 5 & 4 \\ + 1 & 4 \\ \hline 6 & 8 \end{array}$$

$$\begin{array}{r|l} \text{N} & \text{U} \\ \hline 3 & 7 \\ + 6 & 1 \\ \hline & \end{array}$$

$$\begin{array}{r|l} \text{N} & \text{U} \\ \hline & 4 \\ + 8 & 5 \\ \hline & \end{array}$$

$$\begin{array}{r|l} \text{N} & \text{U} \\ \hline 5 & 0 \\ + 2 & 9 \\ \hline & \end{array}$$

$$\begin{array}{r|l} \text{N} & \text{U} \\ \hline 7 & 5 \\ + 2 & 4 \\ \hline & \end{array}$$

$$\begin{array}{r|l} \text{N} & \text{U} \\ \hline 3 & 3 \\ + 3 & 3 \\ \hline & \end{array}$$

$$\begin{array}{r|l} \text{N} & \text{U} \\ \hline 8 & 8 \\ + 1 & 0 \\ \hline & \end{array}$$

$$\begin{array}{r|l} \text{N} & \text{U} \\ \hline 3 & 6 \\ + 6 & 3 \\ \hline & \end{array}$$

Uza kopu ho ai-sanak atu sura númeru sira tuirmai ne'e:

a.

| A        | N        | U        |
|----------|----------|----------|
|          | 5        | 4        |
| +        | 6        | 4        |
| <b>1</b> | <b>1</b> | <b>8</b> |

b.

| A | N | U |
|---|---|---|
|   | 3 | 4 |
| + | 9 | 5 |
|   |   |   |

c.

| A | N | U |
|---|---|---|
|   | 7 | 2 |
| + | 5 | 4 |
|   |   |   |

d.

| A | N | U |
|---|---|---|
|   | 8 | 4 |
| + | 7 | 1 |
|   |   |   |

e.

| A | N | U |
|---|---|---|
|   | 9 | 0 |
| + | 5 | 9 |
|   |   |   |

f.

| A | N | U |
|---|---|---|
|   | 6 | 5 |
| + | 5 | 4 |
|   |   |   |

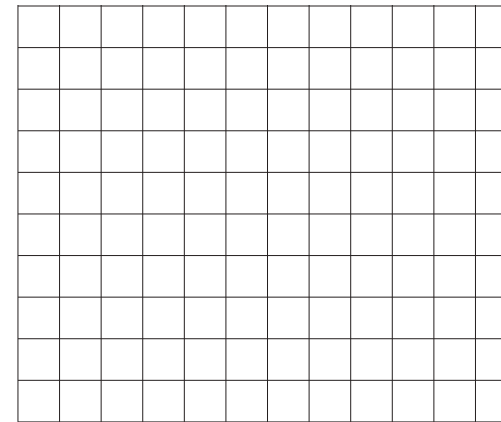
g.

| A | N | U |
|---|---|---|
|   | 4 | 2 |
| + | 6 | 7 |
|   |   |   |

h.

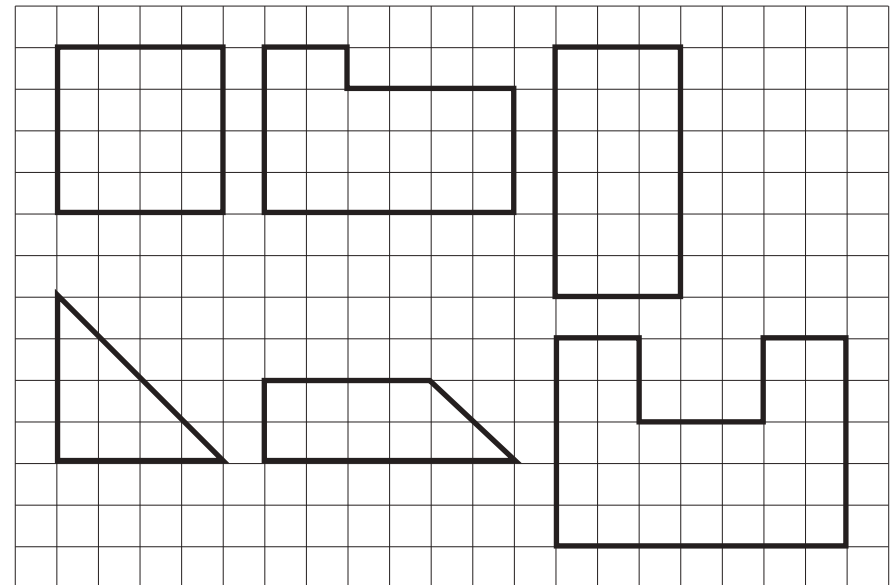
| A | N | U |
|---|---|---|
|   | 4 | 0 |
| + | 8 | 4 |
|   |   |   |

a) Dezeña figura jeométrika hanesan ho ne'ebé manorin pinta iha kuadru.



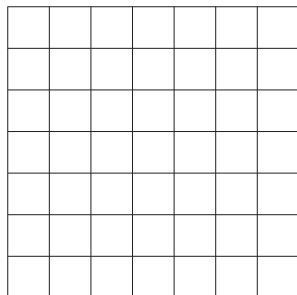
Área kuadríkula \_\_\_\_\_

b) Sura área hosi figura jeométrika tuirmai ne'e no hakerek iha figura ninia klaran.



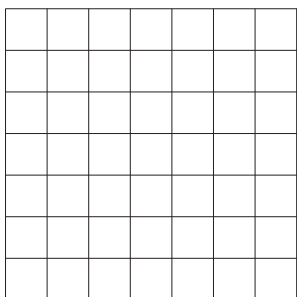


a) Dezeña triángulu hanesan ho ne'ebé manorin pinta iha kuadru.

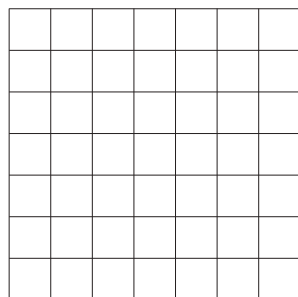


Área triángulu:  
kuadríkula \_\_\_\_\_

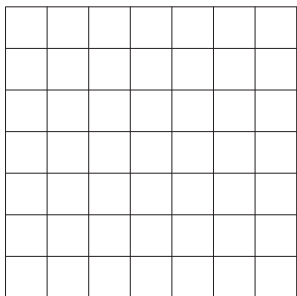
b) Pinta tan triángulu seluk iha grella kuadrikuladu no sura ninia área.



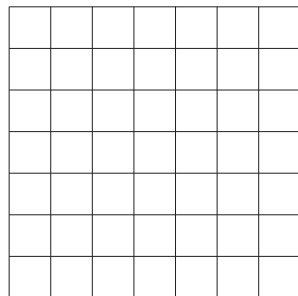
Área triángulu:  
kuadríkula \_\_\_\_\_



Área triángulu:  
kuadríkula \_\_\_\_\_



Área triángulu:  
kuadríkula \_\_\_\_\_



Área triángulu:  
kuadríkula \_\_\_\_\_

I. Troka ba káلكulu vertikal no rezolve!

a.  $54 + 12 + 30 = \underline{96}$   $\Rightarrow$

|          |          |
|----------|----------|
| N        | U        |
| 5        | 4        |
| 1        | 2        |
| + 3      | 0        |
| <b>9</b> | <b>6</b> |

b.  $4 + 63 + 21 = \underline{\quad}$   $\Rightarrow$

|     |   |
|-----|---|
| N   | U |
| 6   | 4 |
| + 2 | 3 |
|     | 1 |
|     |   |

c.  $42 + 34 + 13 = \underline{\quad}$   $\Rightarrow$

|   |   |
|---|---|
| N | U |
| + |   |
|   |   |

d.  $24 + 31 + 10 = \underline{\quad}$   $\Rightarrow$

|   |   |
|---|---|
| N | U |
| + |   |
|   |   |

e.  $30 + 13 + 25 = \underline{\quad}$   $\Rightarrow$

|   |   |
|---|---|
| N | U |
| + |   |
|   |   |

f.  $65 + 24 + 10 = \underline{\quad}$   $\Rightarrow$

|   |   |
|---|---|
| N | U |
|   |   |
| + |   |
|   |   |

g.  $42 + 5 + 32 = \underline{\quad}$   $\Rightarrow$

|   |   |
|---|---|
| N | U |
|   |   |
| + |   |
|   |   |

h.  $40 + 24 + 23 = \underline{\quad}$   $\Rightarrow$

|   |   |
|---|---|
| N | U |
|   |   |
| + |   |
|   |   |

i.  $14 + 62 + 23 = \underline{\quad}$   $\Rightarrow$

|   |   |
|---|---|
| N | U |
|   |   |
| + |   |
|   |   |

**II. Determina valór husi adisaun tuirmai ne'e.**

a.

|     |   |
|-----|---|
| N   | U |
| 5   | 3 |
| 1   | 2 |
| + 2 | 4 |
|     |   |

b.

|     |   |
|-----|---|
| N   | U |
| 2   | 1 |
| 2   | 0 |
| + 3 | 7 |
|     |   |

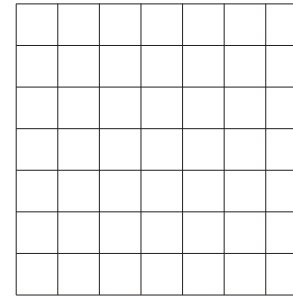
c.

|     |   |
|-----|---|
| N   | U |
|     | 5 |
| 4   | 0 |
| + 1 | 2 |
|     |   |

d.

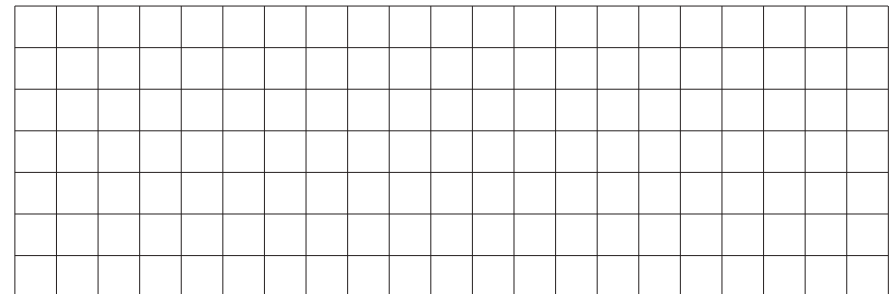
|   |   |
|---|---|
| N | U |
| 3 | 3 |
| 6 | 0 |
| + | 6 |
|   |   |

a) • Dezeña retángulu hanesan ho ne'ebé manorin pinta iha kuadru.



Área retángulu: kuadríkula \_\_\_\_\_

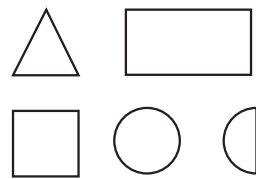
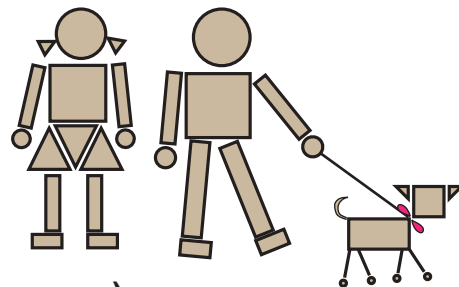
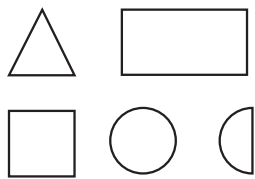
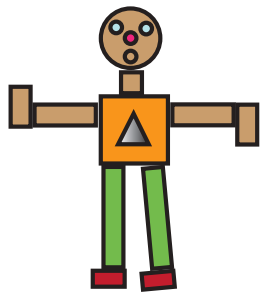
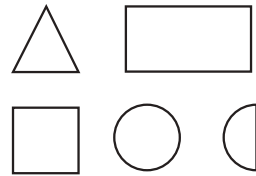
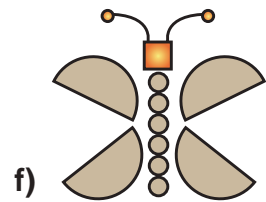
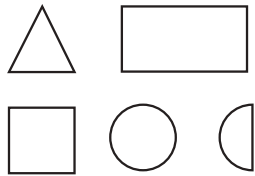
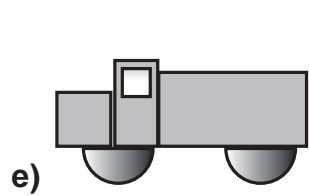
b) • Halo retángulu ida no kuadradu ida iha grella kuadrikuladu tuirmai ne'e.



Área retángulu: kuadríkula \_\_\_\_\_

Área kuadradu: kuadríkula \_\_\_\_\_

**A Troka ba káلكulu vertikál no rezolve!**



a.  $54 + 22 + 61 = \underline{137}$   $\Rightarrow$

| A        | N        | U        |
|----------|----------|----------|
|          | 5        | 4        |
|          | 2        | 2        |
| +        | 6        | 1        |
| <b>1</b> | <b>3</b> | <b>7</b> |

b.  $72 + 63 + 34 = \underline{\quad}$   $\Rightarrow$

| A | N | U |
|---|---|---|
|   |   |   |
| + |   |   |
|   |   |   |

c.  $42 + 21 + 74 = \underline{\quad}$   $\Rightarrow$

| A | N | U |
|---|---|---|
|   |   |   |
| + |   |   |
|   |   |   |

d.  $84 + 31 + 13 = \underline{\quad}$   $\Rightarrow$

| A | N | U |
|---|---|---|
|   |   |   |
| + |   |   |
|   |   |   |

e.  $30 + 4 + 95 = \underline{\quad}$   $\Rightarrow$

| A | N | U |
|---|---|---|
|   |   |   |
| + |   |   |
|   |   |   |

f.  $45 + 82 + 11 = \underline{138}$   $\Rightarrow$

|   | A | N | U |
|---|---|---|---|
|   |   | 4 | 5 |
|   |   | 8 | 2 |
| + |   | 1 | 1 |
|   | 1 | 3 | 8 |

g.  $2 + 54 + 72 = \underline{\quad}$   $\Rightarrow$

|   | A | N | U |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |
| + |   |   |   |
|   |   |   |   |

h.  $94 + 24 + 61 = \underline{\quad}$   $\Rightarrow$

|   | A | N | U |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |
| + |   |   |   |
|   |   |   |   |

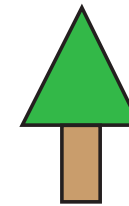
i.  $14 + 62 + 72 = \underline{\quad}$   $\Rightarrow$

|   | A | N | U |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |
| + |   |   |   |
|   |   |   |   |

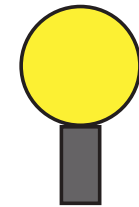
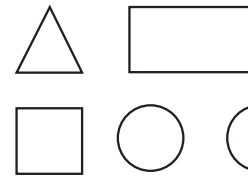
j.  $61 + 15 + 81 = \underline{\quad}$   $\Rightarrow$

|   | A | N | U |
|---|---|---|---|
|   |   |   |   |
|   |   |   |   |
| + |   |   |   |
|   |   |   |   |

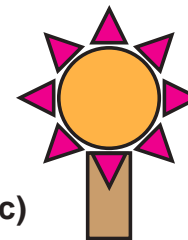
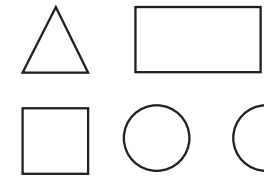
Haree dezeñu tuirmai ne'e no identifika figura jeométrika simples (retángulu, kuadradu, triángulu, sírkulu no semi sírkulu) hosi dezeñu sira-ne'e. Depois sura no hakerek figura jeométrika ne'ebé iha, hosi kada figura.



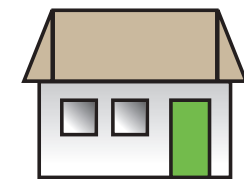
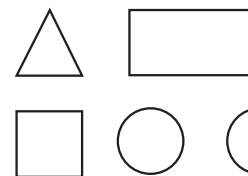
a)



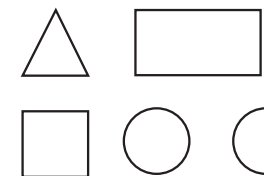
b)



c)



d)



Fahe figura jeométrika iha kraik ne'e ho liña tuir ida-idak nia indikasaun.

The grid contains the following shapes and instructions:

- Top-left:** A 3x3 square with a 1x1 square missing from the top-right corner. Instruction: "Fahe ba kuadradu 1 no rétangulu 2".
- Top-right:** A 3x3 square with a 1x1 square missing from the bottom-right corner. Instruction: "Fahe ba kuadradu 3".
- Middle-right:** A rectangle with a triangle attached to its left side. Instruction: "Fahe ba triángulu 1 no rétangulu 1".
- Bottom-left:** A square with a triangle inside, pointing downwards. Instruction: "Fahe ba triángulu 4 no rétangulu 1".
- Bottom-right:** A trapezoid. Instruction: "Fahe ba kuadradu 1 no rétangulu 1".

B Determina valór husi:

a.

|   |   |   |
|---|---|---|
| A | N | U |
|   | 2 | 0 |
|   | 3 | 3 |
| + | 5 | 5 |
| 1 | 0 | 8 |

d.

|   |   |   |
|---|---|---|
| A | N | U |
|   | 1 | 7 |
|   | 3 | 1 |
| + | 9 | 0 |
|   |   |   |

b.

|   |   |   |
|---|---|---|
| A | N | U |
|   | 8 | 1 |
|   | 4 | 5 |
| + | 5 | 2 |
|   |   |   |

e.

|   |   |   |
|---|---|---|
| A | N | U |
|   | 6 | 0 |
|   | 4 | 4 |
| + | 6 | 3 |
|   |   |   |

c.

|   |   |   |
|---|---|---|
| A | N | U |
|   | 1 | 7 |
|   | 3 | 1 |
| + | 9 | 0 |
|   |   |   |

f.

|   |   |   |
|---|---|---|
| A | N | U |
|   | 8 | 0 |
|   | 1 | 4 |
| + | 4 | 4 |
|   |   |   |

Uza kopu ho ai-sanak, atu sura valór husi:

a.  $56 + 18 = \underline{74}$   $\Rightarrow$

|   |  |  |
|---|--|--|
|   | N  | U  |
| + | ①<br>5   | 6  |
|   | 1  | 8  |
|   | <hr style="border: none; border-top: 1px solid black;"/> 7 | <hr style="border: none; border-top: 1px solid black;"/> 4 |

b.  $48 + 29 = \underline{\quad}$   $\Rightarrow$

|   |  |  |
|---|--|--|
|   | N  | U  |
| + |  |  |
|   |  |  |
|   | <hr style="border: none; border-top: 1px solid black;"/> | <hr style="border: none; border-top: 1px solid black;"/> |

c.  $38 + 45 = \underline{\quad}$   $\Rightarrow$

|   |  |  |
|---|--|--|
|   | N  | U  |
| + |  |  |
|   |  |  |
|   | <hr style="border: none; border-top: 1px solid black;"/> | <hr style="border: none; border-top: 1px solid black;"/> |

d.  $19 + 57 = \underline{\quad}$   $\Rightarrow$

|   |  |  |
|---|--|--|
|   | N  | U  |
| + |  |  |
|   |  |  |
|   | <hr style="border: none; border-top: 1px solid black;"/> | <hr style="border: none; border-top: 1px solid black;"/> |

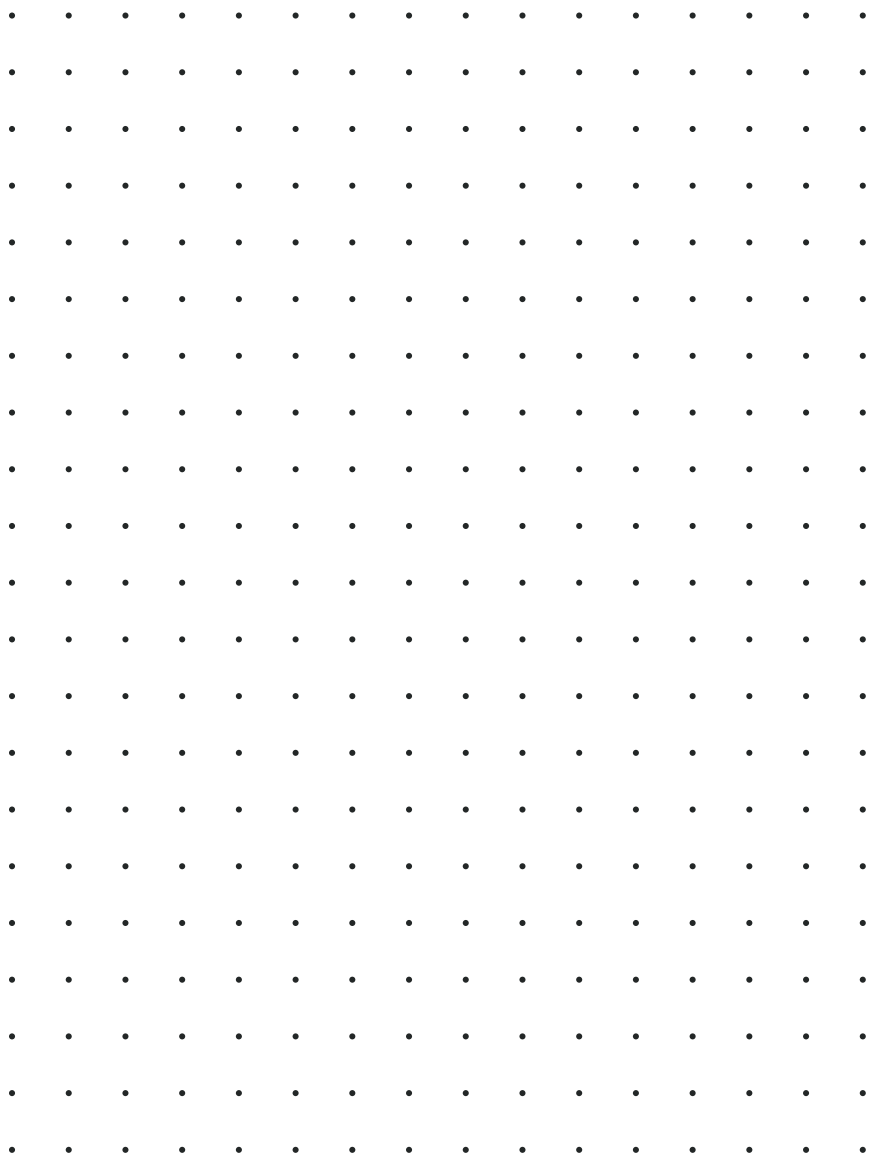
e.  $34 + 59 = \underline{\quad}$   $\Rightarrow$

|   |  |  |
|---|--|--|
|   | N  | U  |
| + |  |  |
|   |  |  |
|   | <hr style="border: none; border-top: 1px solid black;"/> | <hr style="border: none; border-top: 1px solid black;"/> |

Dezeña kuadradu sira no retángulu sira iha grella pontu tuirmai ne'e.



Dezeña tan figura jeométrika ida seluk iha grella pontu tuirmai ne'e:



f.  $65 + 26 = \underline{\quad}$   $\Rightarrow$

| N     | U |
|-------|---|
|       |   |
| +     |   |
| <hr/> |   |
|       |   |

g.  $47 + 18 = \underline{\quad}$   $\Rightarrow$

| N     | U |
|-------|---|
|       |   |
| +     |   |
| <hr/> |   |
|       |   |

h.  $28 + 36 = \underline{\quad}$   $\Rightarrow$

| N     | U |
|-------|---|
|       |   |
| +     |   |
| <hr/> |   |
|       |   |

i.  $27 + 26 = \underline{\quad}$   $\Rightarrow$

| N     | U |
|-------|---|
|       |   |
| +     |   |
| <hr/> |   |
|       |   |

j.  $44 + 49 = \underline{\quad}$   $\Rightarrow$

| N     | U |
|-------|---|
|       |   |
| +     |   |
| <hr/> |   |
|       |   |

Uza kopu ho ai-sanak no determina valór husi:

a.  $56 + 78 = \underline{134}$   $\Rightarrow$

|   |   |   |
|---|---|---|
| A | N | U |
|   | ① |   |
|   | 5 | 6 |
| + | 7 | 8 |
| 1 | 3 | 4 |

b.  $48 + 92 = \underline{\quad}$   $\Rightarrow$

|   |   |   |
|---|---|---|
| A | N | U |
|   |   |   |
|   |   |   |
| + |   |   |
|   |   |   |

c.  $83 + 47 = \underline{\quad}$   $\Rightarrow$

|   |   |   |
|---|---|---|
| A | N | U |
|   |   |   |
|   |   |   |
| + |   |   |
|   |   |   |

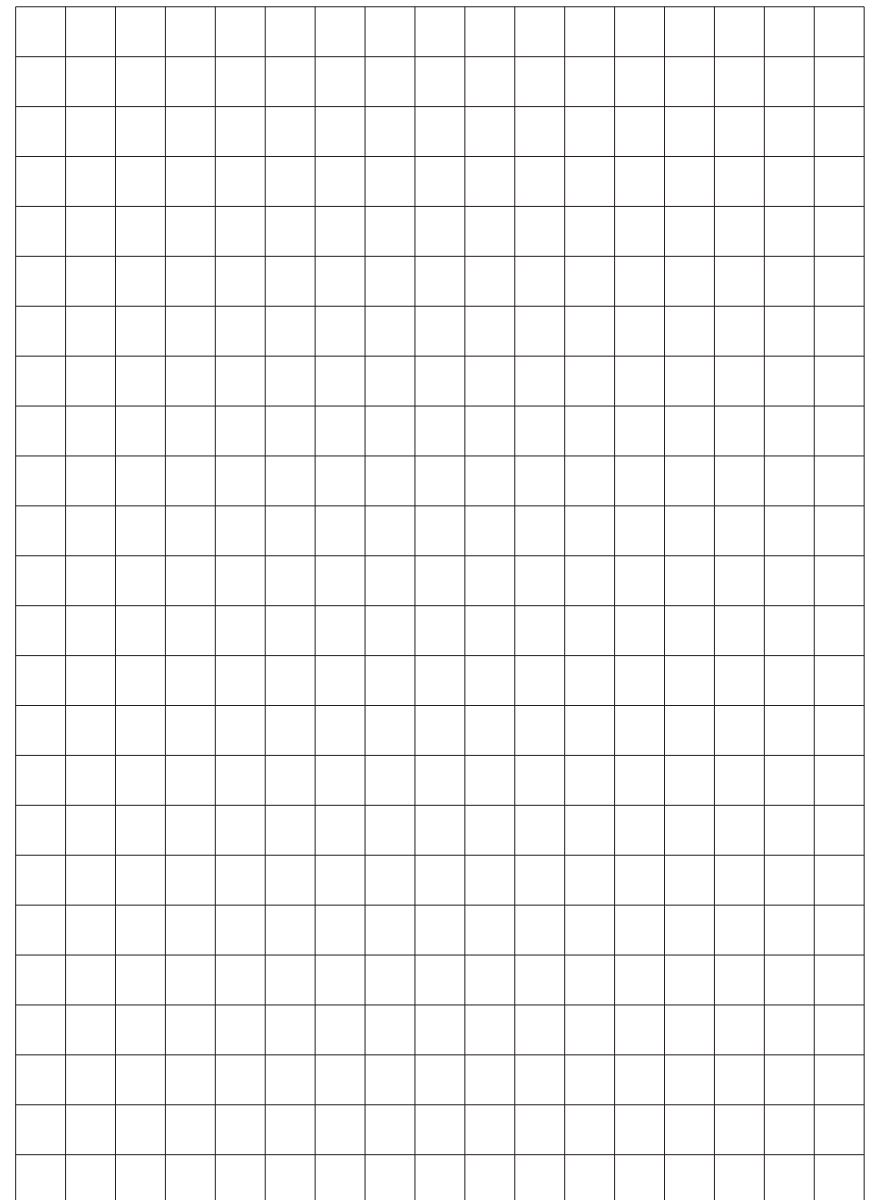
d.  $65 + 76 = \underline{\quad}$   $\Rightarrow$

|   |   |   |
|---|---|---|
| A | N | U |
|   |   |   |
|   |   |   |
| + |   |   |
|   |   |   |

e.  $77 + 56 = \underline{\quad}$   $\Rightarrow$

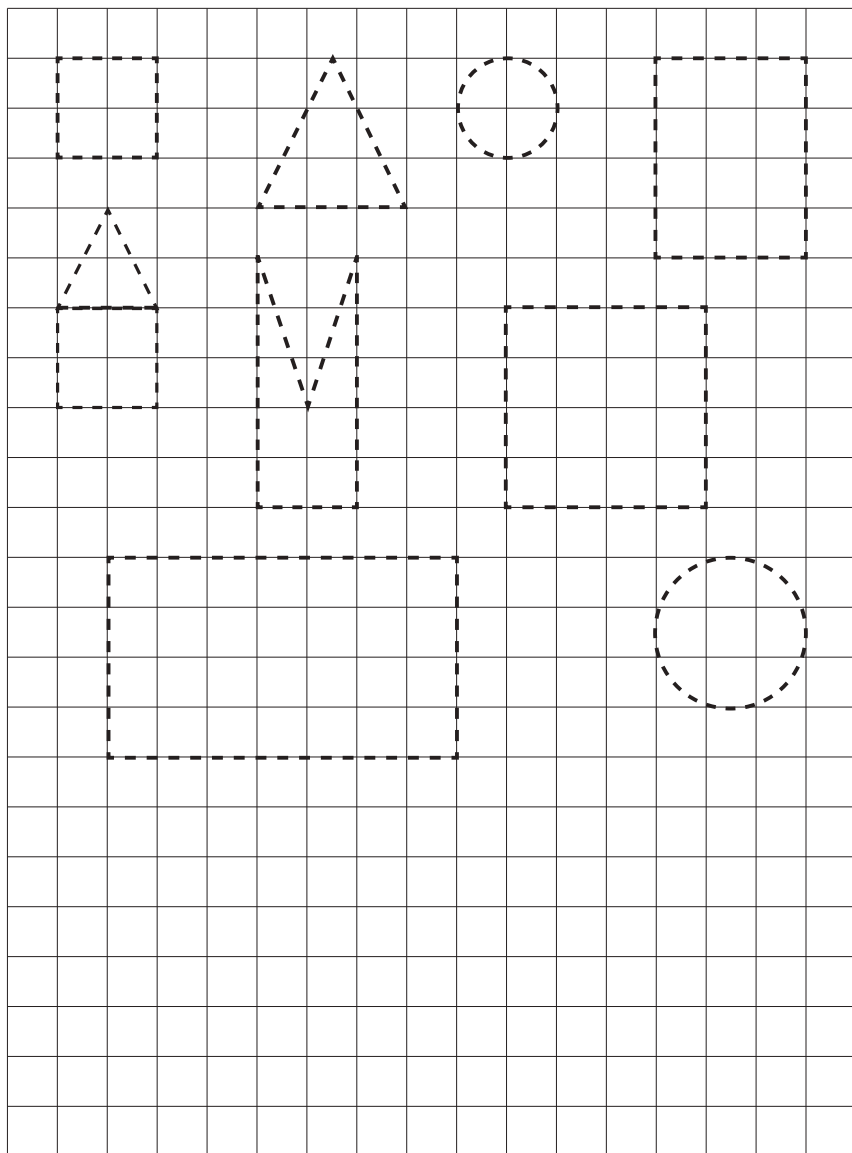
|   |   |   |
|---|---|---|
| A | N | U |
|   |   |   |
|   |   |   |
| + |   |   |
|   |   |   |

Dezeña figura jeométrika oioin iha grella kuadrikuladu ne'e.





Haree grella kuadrikuladu tuirmai ne'e.  
Uza régua atu pinta tuir liña kotu-kotu.



Troka ba káلكulu vertikál no determina valór husi:

a.  $26 + 48 + 55 = \underline{129}$   $\Rightarrow$

| A        | N        | U        |
|----------|----------|----------|
|          | ①        |          |
|          | 2        | 6        |
|          | 4        | 8        |
| +        | 5        | 5        |
| <b>1</b> | <b>2</b> | <b>9</b> |

b.  $9 + 57 + 53 = \underline{\quad}$   $\Rightarrow$

| A | N | U |
|---|---|---|
|   |   |   |
|   |   |   |
| + |   |   |
|   |   |   |

c.  $45 + 29 + 38 = \underline{\quad}$   $\Rightarrow$

| A | N | U |
|---|---|---|
|   |   |   |
|   |   |   |
| + |   |   |
|   |   |   |

d.  $72 + 6 + 46 = \underline{\quad}$   $\Rightarrow$

| A | N | U |
|---|---|---|
|   |   |   |
|   |   |   |
| + |   |   |
|   |   |   |

e.  $58 + 47 + 33 = \underline{\quad}$   $\Rightarrow$

| A | N | U |
|---|---|---|
|   |   |   |
|   |   |   |
| + |   |   |
|   |   |   |

Troka ba káلكulu vertikál no determina valór husi:

a.  $23 + 41 + 27 = \underline{91}$

b.  $2 + 53 + 35 = \underline{\quad}$

c.  $19 + 42 + 39 = \underline{\quad}$

d.  $9 + 36 + 24 = \underline{\quad}$

e.  $37 + 16 + 38 = \underline{\quad}$

f.  $72 + 6 + 11 = \underline{\quad}$

g.  $67 + 6 + 17 = \underline{\quad}$

h.  $85 + 5 + 9 = \underline{\quad}$

i.  $18 + 57 + 25 = \underline{\quad}$

|    |   |   |   |
|----|---|---|---|
| a. | A | N | U |
|    | ① |   |   |
|    | 2 |   | 3 |
|    | 4 |   | 1 |
| +  | 2 |   | 7 |
|    | q |   | 1 |

|    |   |   |   |
|----|---|---|---|
| d. | A | N | U |
|    |   |   |   |
|    |   |   |   |
| +  |   |   |   |
|    |   |   |   |

|    |   |   |   |
|----|---|---|---|
| g. | A | N | U |
|    |   |   |   |
|    |   |   |   |
| +  |   |   |   |
|    |   |   |   |

|    |   |   |   |
|----|---|---|---|
| b. | A | N | U |
|    |   |   |   |
|    |   |   |   |
| +  |   |   |   |
|    |   |   |   |

|    |   |   |   |
|----|---|---|---|
| e. | A | N | U |
|    |   |   |   |
|    |   |   |   |
| +  |   |   |   |
|    |   |   |   |

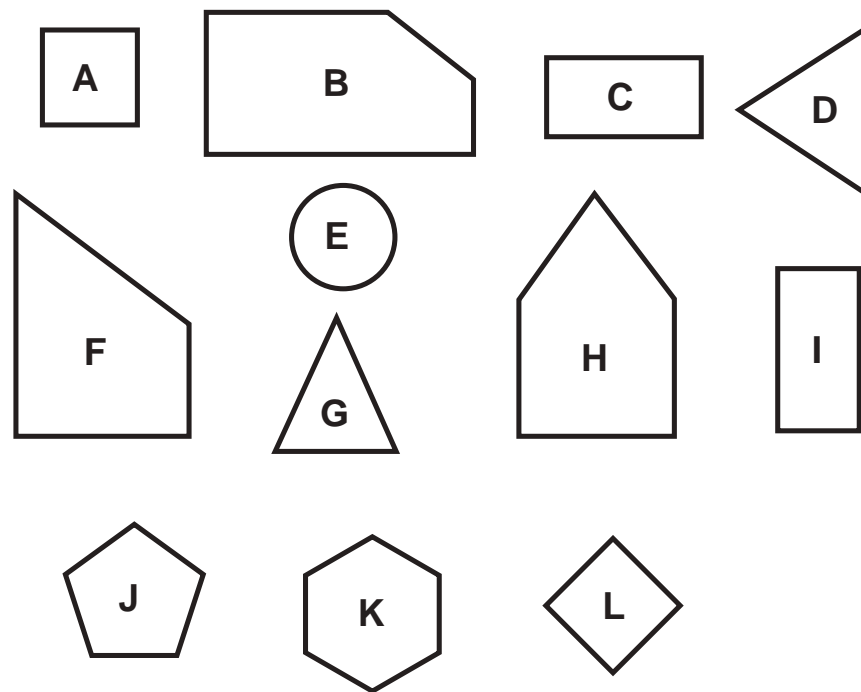
|    |   |   |   |
|----|---|---|---|
| h. | A | N | U |
|    |   |   |   |
|    |   |   |   |
| +  |   |   |   |
|    |   |   |   |

|    |   |   |   |
|----|---|---|---|
| c. | A | N | U |
|    |   |   |   |
|    |   |   |   |
| +  |   |   |   |
|    |   |   |   |

|    |   |   |   |
|----|---|---|---|
| f. | A | N | U |
|    |   |   |   |
|    |   |   |   |
| +  |   |   |   |
|    |   |   |   |

|    |   |   |   |
|----|---|---|---|
| i. | A | N | U |
|    |   |   |   |
|    |   |   |   |
| +  |   |   |   |
|    |   |   |   |

Haree figura jeométrika tuirmai ne'e:

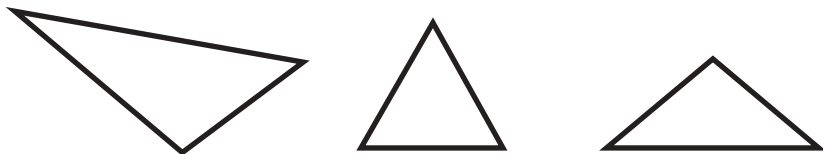


Hakerek letra, tuir figura jeométrika nia naran.

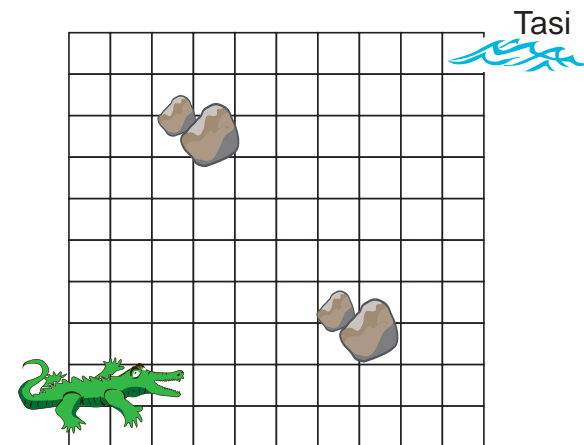
- Kuadradu \_\_\_\_\_
- Sírkulu \_\_\_\_\_
- Retángulu \_\_\_\_\_
- Triángulu \_\_\_\_\_



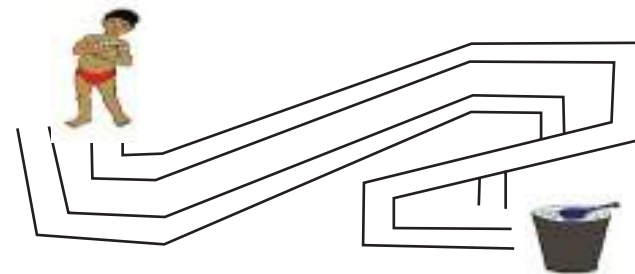
- a) Sukat figura uma ne'e nia janela sira-nia komprimentu no nia largura no kalkula sira-nia perímetru.
- b) Sukat figura uma ne'e nia odamatan nia komprimentu no nia largura no kalkula odamatan nia perímetru.
- c) Sukat triángulu sira-nia ninin sira no kalkula perímetru husi triángulu tuirmai ne'e:



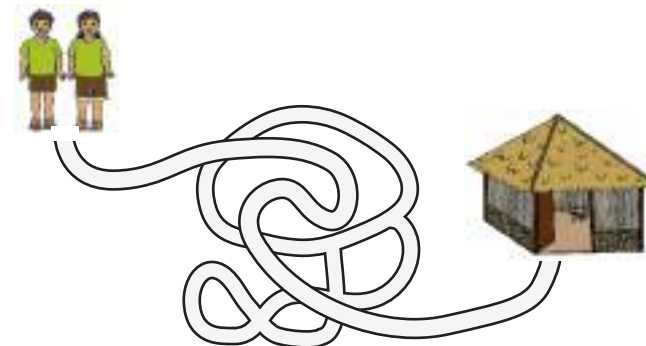
- 1 Ajuda Lafaek filafali ba tasi, maibé labele liuhosi fatuk leten.



- 2 Oinsá labarik ne'e bele hetan balde atu uza ba haris?



- 3 Dalan ida-ne'ebe mak labarik na'in rua ne'e bele liu atu bele to'o iha uma?





2 Cáncio iha osan Centavos 50. Nia sosa beng-beng rua. Nia osan to'o ka lae atu selu?

Gasta: Beng-beng 2 = ..... = ..... centavos

..... 50

Restu:

3 Tomas bá merkadu no sosa sukro ida, rebusadu ida no beng-beng ida. Nia gasta osan hamutuk hira?

Gasta : Sukro 1 = ..... centavos  
 Rebusadu 1 = ..... centavos  
 Beng-beng 1 = ..... centavos +  


---

 Totál gasta = ..... centavos

4 Roberto iha osan centavos 75. Nia sosa Supermie rua no beng-beng rua. Nia osan to'o ka lae atu selu?

Gasta:  
 Supermie 2 = 2 x 25 centavos = ..... centavos  
 Rebusadu 2 = 2 x 20 centavos = ..... centavos +  


---

 Totál gasta = ..... centavos

..... 75

Restu:

A Uza káلكulu vertikál no halo adisaun tuirmai ne'e.

a)  $12 + 34 = \underline{46}$       c)  $72 + 25 = \underline{\quad}$

| A     | N | U |
|-------|---|---|
|       | 1 | 2 |
| +     | 3 | 4 |
| <hr/> |   |   |
|       | 4 | 6 |

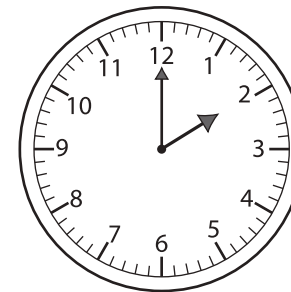
| A     | N | U |
|-------|---|---|
|       |   |   |
| +     |   |   |
| <hr/> |   |   |
|       |   |   |

b)  $35 + 29 = \underline{\quad}$       d)  $67 + 75 = \underline{\quad}$

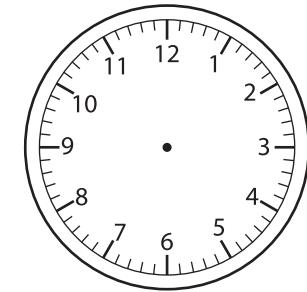
| A     | N | U |
|-------|---|---|
|       |   |   |
| +     |   |   |
| <hr/> |   |   |
|       |   |   |

| A     | N | U |
|-------|---|---|
|       |   |   |
| +     |   |   |
| <hr/> |   |   |
|       |   |   |

B Tuku hira? Kompleta no pinta oras tuir indikasaun.



:



:

Hakerek númeru ne'ebé loos iha fatin mamuk sira ba sura 5 hakat 5.

a) 30 ⇒      ⇒ 40 ⇒      ⇒     

b) 15 ⇒      ⇒      ⇒      ⇒ 35

c) 55 ⇒      ⇒ 65 ⇒      ⇒     

d)      ⇒ 45 ⇒      ⇒ 55 ⇒     

e)      ⇒      ⇒ 90 ⇒ 95 ⇒     

f) 5 ⇒      ⇒      ⇒      ⇒ 25

g)      ⇒ 70 ⇒      ⇒ 80 ⇒     

Observa tabela ne'ebé kompletu ona ho sasán nia folin sira.

|              |   |   |  |   |
|--------------|---|---|--|---|
| <b>Sasán</b> |                    |                    | Rebusadu<br>      |                    |
| <b>Folin</b> | <br>centavos<br>25 | <br>centavos<br>10 | <br>centavos<br>5 | <br>centavos<br>20 |

Rezolve problema sira tuirmai bazeia ba folin sasán nian iha tabela leten. Númeru ❶ rezolve ona hanesan ezemplu.

- ❶ Salvador lori osan centavos 75 . Nia sosa Supermie ida no rebusadu rua. Osan hira mak nia gasta?. Nia osan to'o ka lae atu selu?

**Gasta:**

Supermie 1 = 1 x 25 centavos = 25 centavos

Rebusadu 2 = 2 x 5 centavos = 10 centavos +

**Totál gasta** = 35 centavos

$$\underline{35} < \underline{75}$$

Restu:

Osan to'o ✓

Osan lato'o

# Ezersísiu 70

Ai-nanás



25 centavos



Hudi



50 centavos



Goiabas



5 centavos



Haas



10 centavos



|         | Ai-nanás    | Hudi        | Goiabas | Haas | Totál              |
|---------|-------------|-------------|---------|------|--------------------|
| António | 1           | 1           |         |      | 25 + 50 =          |
|         | 25 centavos | 50 centavos |         |      | <b>75</b> centavos |
| Dália   | 1           |             | 2       |      |                    |
|         |             |             |         |      |                    |
| Adina   | 1           |             | 3       | 2    |                    |
|         |             |             |         |      |                    |

# Ezersísiu 51

Kompleta liña mamuk sira.

|    |  |                 |    |
|----|--|-----------------|----|
| a. | $5 + 5 =$                                      | $5 \times 2 =$  | 10 |
| b. | $5 + \_ + \_ =$                                | $5 \times \_ =$ | 15 |
| c. | $5 + 5 + \_ + 5 + \_ + 5 + \_ =$               | $5 \times \_ =$ | 35 |
| d. | $5 + 5 + 5 + \_ =$                             | $\_ \times 4 =$ | 20 |
| e. | $5 + 5 + \_ + 5 + \_ =$                        | $\_ \times 5 =$ | 25 |
| f. | $5 + \_ + 5 + \_ + 5 + \_ + 5 + \_ + 5 + \_ =$ | $5 \times \_ =$ | 50 |
| g. | $5 + \_ + 5 + 5 + 5 + \_ =$                    | $5 \times \_ =$ | 30 |

a. Hakerek rezultadu iha fatin mamuk sira.

|                      |
|----------------------|
| $5 \times 1 =$ _____ |
| $5 \times 2 =$ _____ |
| $5 \times 3 =$ _____ |
| $5 \times 4 =$ _____ |
| $5 \times 5 =$ _____ |



|                       |
|-----------------------|
| $5 \times 6 =$ _____  |
| $5 \times 7 =$ _____  |
| $5 \times 8 =$ _____  |
| $5 \times 9 =$ _____  |
| $5 \times 10 =$ _____ |

b. Kompleta fatin mamuk sira tuirmai.

|            |    |   |   |
|------------|----|---|---|
| $5 \times$ | 1  | → | 5 |
|            | 5  |   |   |
|            | 7  |   |   |
|            | 3  |   |   |
|            | 6  |   |   |
|            | 2  |   |   |
|            | 4  |   |   |
|            | 8  |   |   |
|            | 10 |   |   |
|            | 9  |   |   |

Osan sira-ne'ebé uza iha Timor-Leste.

| A   | B   | C   | D   |
|---|---|---|---|
| <b>5</b><br>centavos  | <b>10</b><br>centavos   | <b>25</b><br>centavos   | <b>50</b><br>centavos   |
|  |  |  |  |

| E   | F   |
|---|---|
| <b>100</b><br>centavos  | <b>1 dollar</b>   |
|  |  |



Ho ajuda hosi família pinta figura osan nian tuir maneira iha ezemplu.

**Pinta figura osan besi ka centavos sira**



1. Tau osan iha meza leten



2. Taka surat-tahan ba osan nia leten



3. Liman ida hanehan iha osan nia leten sorin



4. Liman sorin kaer lapis no pinta iha osan nia leten



5. Tesi osan

**I. Kompleta fatin ne'ebé mamuk**

a.  $7 + 2 = \underline{9}$

b.  $9 + 2 = \underline{\quad}$

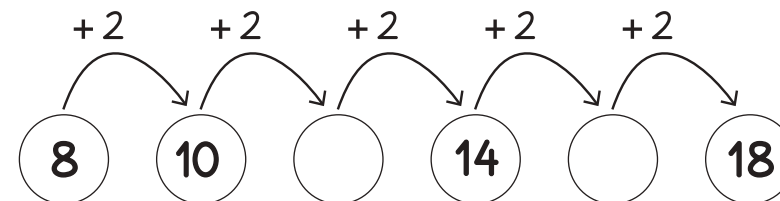
c.  $\underline{\quad} + 2 = 13$

d.  $\underline{\quad} + 2 = 15$

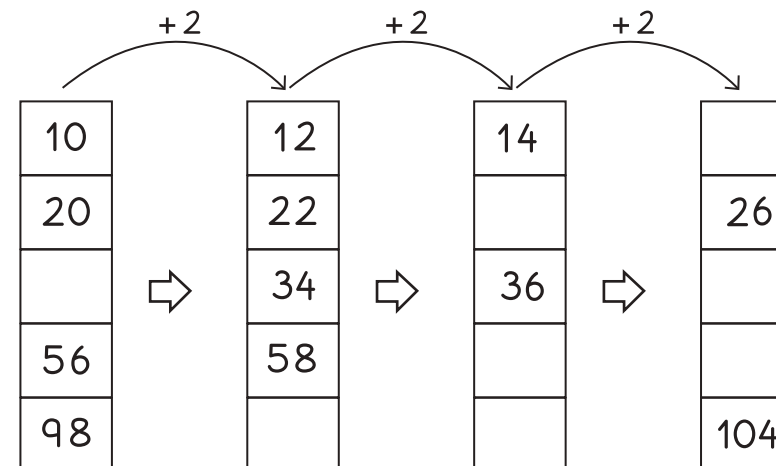
e.  $\underline{\quad} + 2 = \underline{\quad}$

f.  $\underline{\quad} + 2 = \underline{\quad}$

**II. Sura 2 hakat 2 no prenxe sírkulu ne'ebé mamuk.**



**III. Sura 2 hakat 2 no prenxe fatin ne'ebé mamuk.**



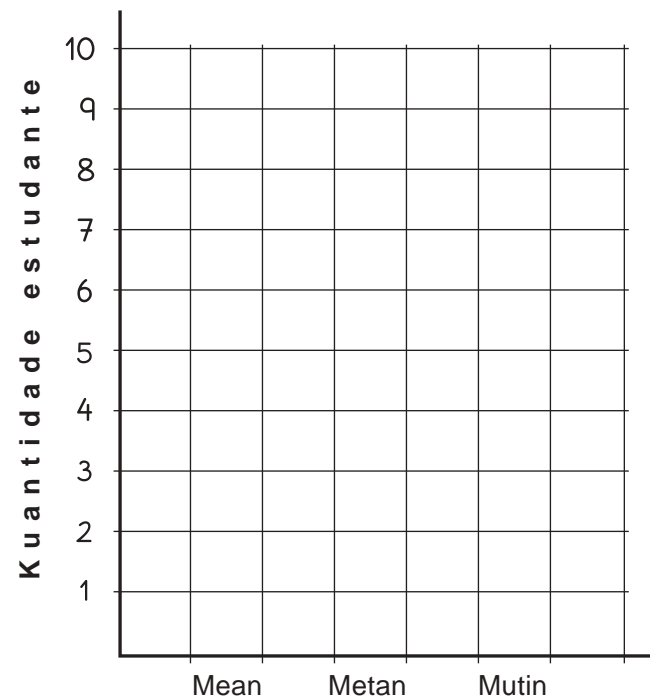
**Kompleta liña mamuk sira!**

|    |  |                 |      |
|----|--|-----------------|------|
| a. | $2 + 2 =$                                      | $2 \times 2 =$  | 4    |
| b. | $2 + \_ + 2 =$                                 | $2 \times \_ =$ | $\_$ |
| c. | $2 + 2 + \_ + 2 + \_ + 2 + \_ =$               | $2 \times \_ =$ | $\_$ |
| d. | $2 + 2 + 2 + \_ =$                             | $\_ \times 4 =$ | $\_$ |
| e. | $2 + 2 + \_ + 2 + \_ =$                        | $\_ \times 5 =$ | $\_$ |
| f. | $2 + \_ + 2 + \_ + 2 + \_ + 2 + \_ + 2 + \_ =$ | $2 \times \_ =$ | $\_$ |
| g. | $2 + \_ + 2 + 2 + 2 + \_ =$                    | $2 \times \_ =$ | $\_$ |

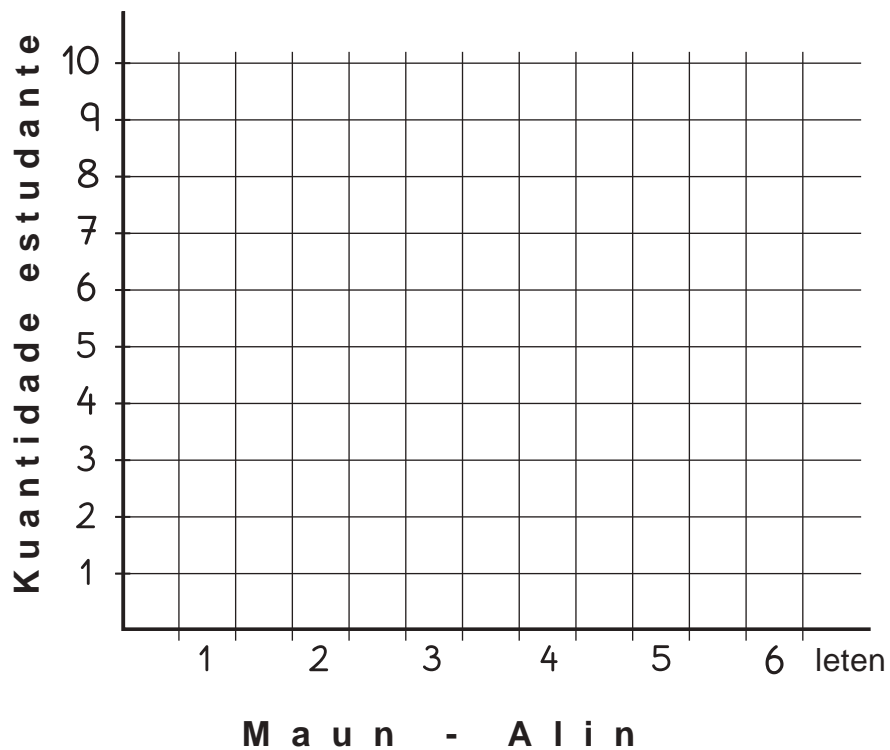
**A** Ho ajuda hosi família, buka informasaun kona-ba ema ne'ebé gosta kór-mean, metan no mutin hosi imi-nia membru família ne'ebé hela hamutuk iha imi-nia uma laran. Kada ema tenke hili kór ida de'it. Prenxe informasaun ne'ebé hetan iha tabela iha kraik ne'e:

| Gosta kór | Totál ema |
|-----------|-----------|
| Mean      |           |
| Metan     |           |
| Mutin     |           |

**B** Pinta gráfiku barra hosi dados iha tabela leten, iha kraik ne'e:



Pinta gráfiku barra hosi dados ne'ebé hetan hosi atividade ho manorin.



Rezolve multiplikasaun 3 iha kraik ne'e.

a)  $3 \times 4 = \underline{12}$

b)  $3 \times 2 = \underline{\quad}$

c)  $3 \times 7 = \underline{\quad}$

d)  $3 \times 10 = \underline{\quad}$

e)  $3 \times 1 = \underline{\quad}$

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

g)  $3 \times 5 = \underline{\quad}$

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

i)  $3 \times 6 = \underline{\quad}$

j)  $3 \times 9 = \underline{\quad}$

Sura no hakerek rezultadu iha kuadradu mamuk sira.

a.  $3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 3 \times 10 = 30$

b.  $3 + 3 + 3 + 3 + 3 = 3 \times \square = 15$

c.  $3 + 3 + 3 = 3 \times \square = \square$

d.  $3 + 3 + 3 + 3 + 3 + 3 + 3 = \square \times 7 = \square$

e.  $3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = \square \times 9 = 27$

f.  $3 + 3 + 3 + 3 = 3 \times \square = \square$

g.  $3 = 3 \times 1 = \square$

h.  $3 + 3 + 3 = \square \times 3 = \square$

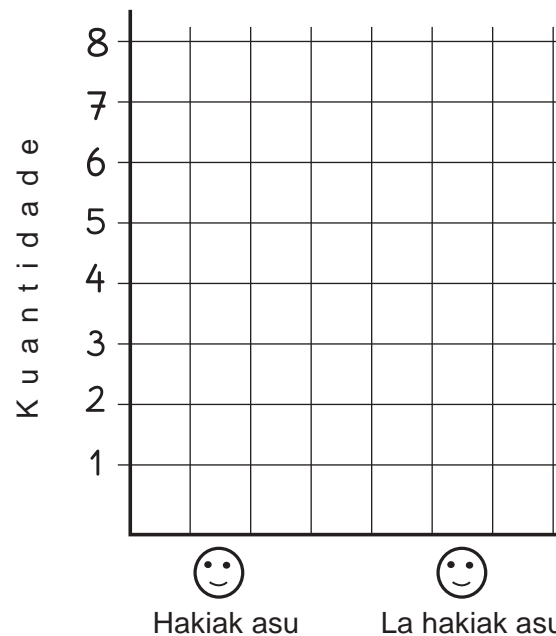
i.  $3 + 3 = 3 \times \square = 6$

j.  $3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 3 \times \square = \square$

A Uzaabela hosi ezesísiu no hakerek iha tabelata tuirmai ne'e:

| Hakiak asu | La hakiak asu |
|------------|---------------|
|            |               |

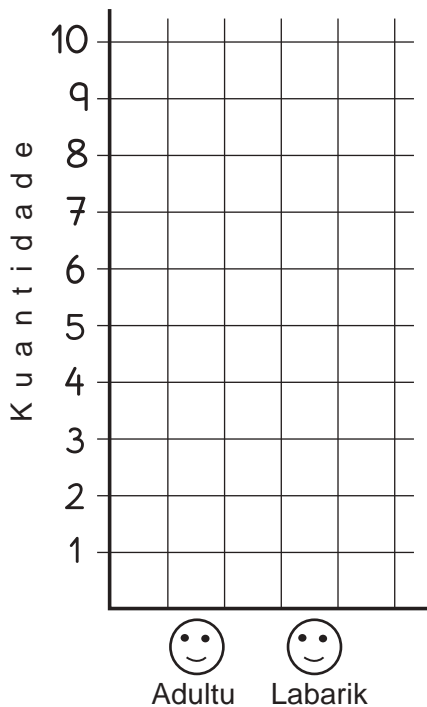
B Halo gráfiku barra husi dadus iha leten, iha kraik ne'e.



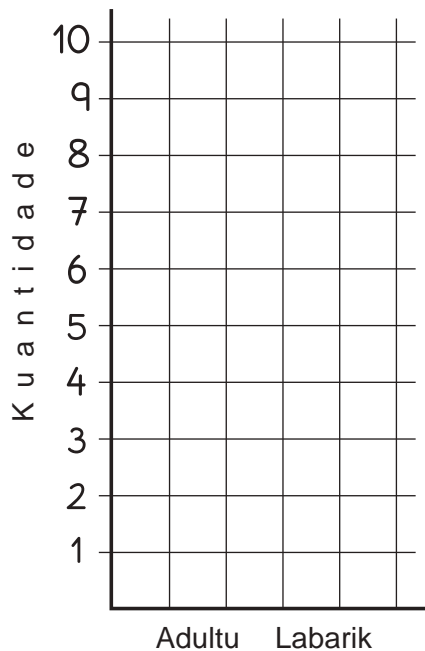
**A** Prenxe tabela iha kraik ne'e kona-ba adultu no labarik no labarik ne'ebé hela hamutuk iha imi-nia uma laran.

| Adultu | Labarik |
|--------|---------|
|        |         |

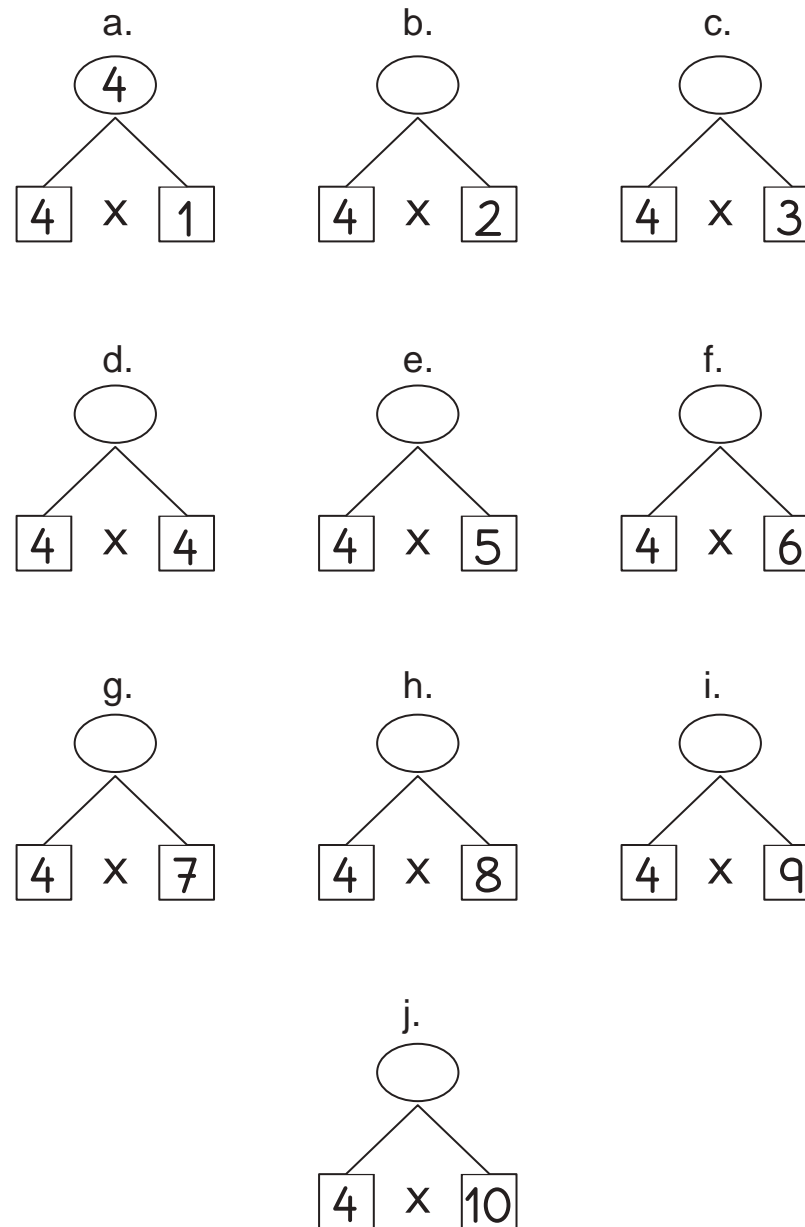
**B** Halo piktograma hosi dadus iha leten, iha kraik ne'e. Bele uza dezeńu 😊 hodi halo piktograma.



**C** Halo gráfiku barra hosi dadus iha leten, iha kraik ne'e.



**Hakerek rezultadu iha sírkulu mamuk sira.**



## Rezolve multiplikasaun tuirmai ne'e:

a.  $4 \times 5 = \boxed{20}$

b.  $4 \times 3 = \boxed{\phantom{00}}$

c.  $4 \times 8 = \boxed{\phantom{00}}$

d.  $4 \times 9 = \boxed{\phantom{00}}$

e.  $4 \times 1 = \boxed{\phantom{00}}$

f.  $4 \times 6 = \boxed{\phantom{00}}$

g.  $4 \times 2 = \boxed{\phantom{00}}$

h.  $4 \times 4 = \boxed{\phantom{00}}$

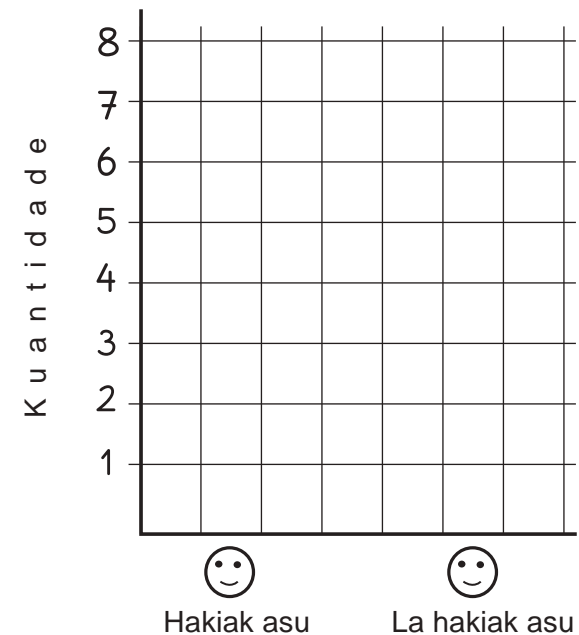
i.  $4 \times 10 = \boxed{\phantom{00}}$

j.  $4 \times 7 = \boxed{\phantom{00}}$

- A** Grupu ida-idak ko'alia ba malu iha sira-nia grupu kona-ba sé mak hakiak asu no sé mak la hakiak asu, depois hakerek kuantidade estudante iha sira-nia grupu ne'ebé hakiak asu no la hakiak asu iha tabela tuirmai ne'e.

| Hakiak asu | La hakiak asu |
|------------|---------------|
|            |               |

- B** Tuir informasaun hosi tabela, halo piktograma tuirmai iha kraik. Bele halo dezeńu ☺ atu halo piktograma.





## Rezolve multiplikasaun sira-ne'e.

a.  $2 \times 3 = \underline{6}$

b.  $0 \times 5 = \underline{\quad}$

c.  $4 \times 7 = \underline{\quad}$

d.  $5 \times 9 = \underline{\quad}$

e.  $1 \times 6 = \underline{\quad}$

f.  $6 \times 4 = \underline{\quad}$

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

h.  $4 \times 3 = \underline{\quad}$

i.  $0 \times 7 = \underline{\quad}$

j.  $2 \times 5 = \underline{\quad}$

k.  $8 \times 2 = \underline{\quad}$

l.  $5 \times 5 = \underline{\quad}$

m.  $9 \times 4 = \underline{\quad}$

n.  $3 \times 6 = \underline{\quad}$

o.  $4 \times 4 = \underline{\quad}$

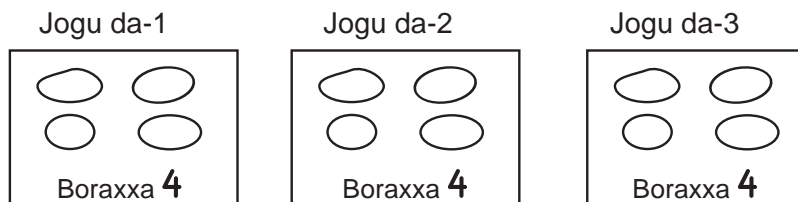
## Rezolve problema sira tuirmai ne'e:

- A** Maria ba joga borraxa ho ninia kolega. Nia tuir jogu dala **3**. Iha jogu dahuluk nia manán borraxa **4**. Iha jogu daruak nia mós manán borraxa **4**, no iha jogu datuluk nian nia nafatin manán borraxa **4**. Borraxa hamutuk hira mak Maria manán iha jogu hotu?

**Rezolusaun:**Hatene : Tuir jogu dala **3**.Kada joga manán : borraxa **4**.

Pergunta : Totál borraxa ne'ebé Maria hetan hosi jogu hotu.

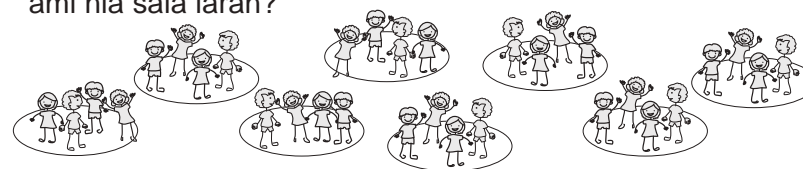
Resposta :



$4 \times 3 = 12$

Entaun totál borraxa ne'ebé Maria hetan mak borraxa **12**.

- B** Manorin fahe estudante iha ami nia sala ba grupu **8**. Kada grupu iha estudante na'in-**4**. Hamutuk hira mak estudante iha ami nia sala laran?



- C** Manorin matemátika haruka kada estudante lori ai-kesak **3**. Iha ha'u-nia grupu iha estudante na'in-**6**. Ai-kesak hamutuk hira mak ami-nia grupu tenke lori ba eskola?

