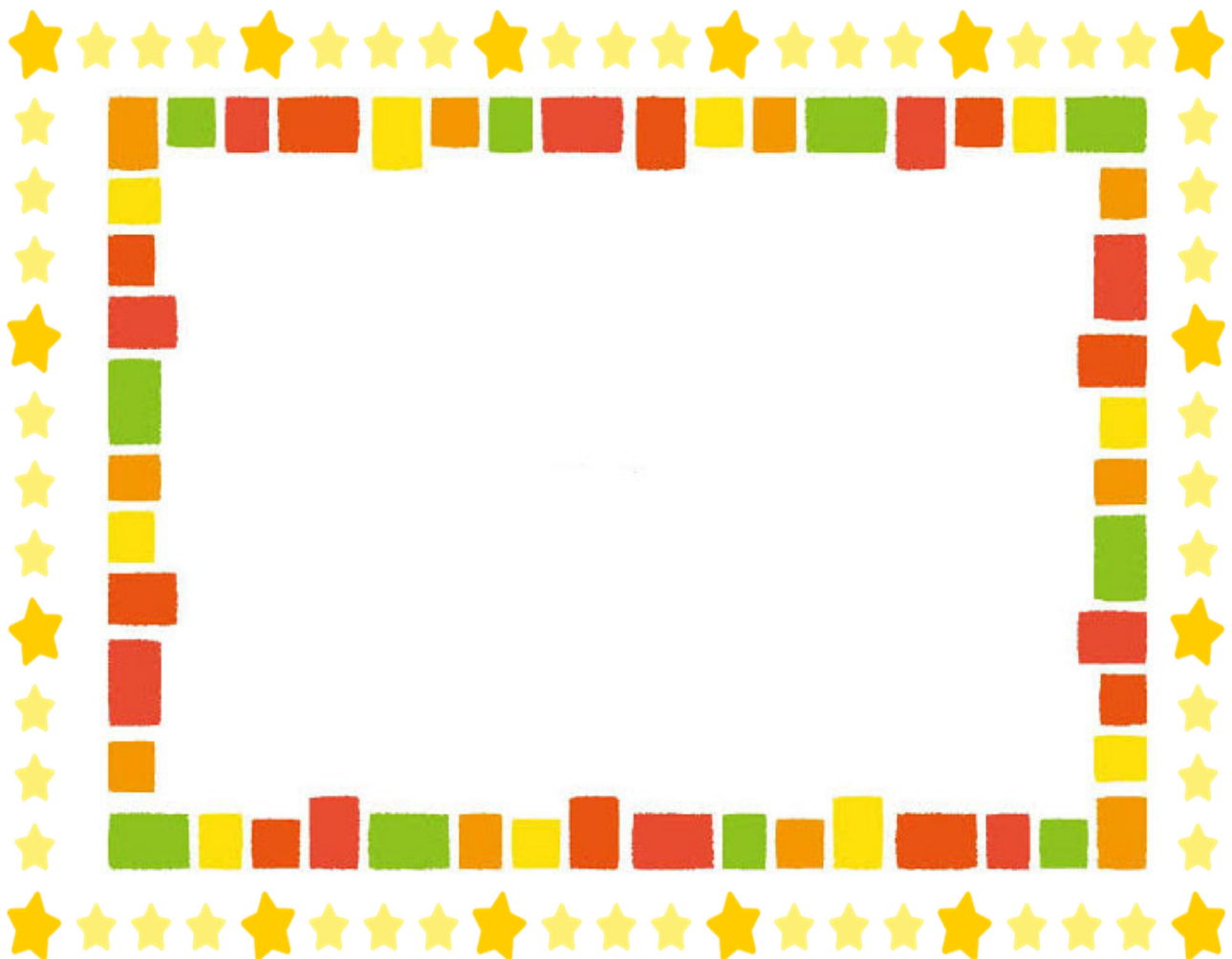


Buku la bana ba sikulu

yosebenzela mu masamu

(Full version)



Sukulu: _____

Dzina: _____

Title: Buku la bana ba sikulu yosebenzela mu masamu

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Pepala yolangiza pamene muyendela

Dzina: _____

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1 – 1	1
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2 – 1	4
2 – 2	5
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1-1

1. Ika tu pendelo tuli 20 munjila iliyonse pa desk. Tupenda kamozi kamozi.

☐ Na ichita!

2. Ika tu pendelo tuli 20 munjila iliyonse pa desk. Tupenda tubili tubili na five five.

☐ Na ichita!

1-2

1. Penda kufika pa 20.

☐ Na ichita!

2. Penda muma 2 kufika pa 20.

☐ Na ichita!

3. Penda muma 5 kufika pa 20.

☐ Na ichita!

1. Penda kuchoka pa 20 kubwela pansi.

☐ Na ichita!

2. Penda muma 2 kuchoka pa 20 kubwela pansi.

☐ Na ichita!

3. Penda muma 5 kuchoka pa 20 kubwela pansi.

☐ Na ichita!

Konza tupendelo tuli 10 twa white na twa red tuli 10 pa desk yako.

1. Panga ka mu line ka nkhole na ka pattern kalikonse ka tupendelo twa red na twa white.

(Chisanzo)



2. Uza banzako pattern yamene wapanga.

Konza ka frame of 10 na tupendelo.

1. Ika tupendelo tuli 7 pa ka frame of 10 uyambile ku left pa mwamba.

Penda tu pendelo muma gulu ya 5.

※Peza njila yopendelamo bwino na mwamusanga elo uza banzanko mwamene wapendela.

☐ Na ichita!

2. Ika tupendelo tuli 9 pa ka frame of 10 uyambile ku left pa mwamba.

Penda tu pendelo muma gulu ya 5.

※Peza njila yopendelamo bwino na mwamusanga elo uza banzanko mwamene wapendela.

☐ Na ichita!

3. Ika tupendelo tuli 8 pa ka frame of 10 uyambile ku left pa mwamba.

Penda tu pendelo muma gulu ya 5.

※Peza njila yopendelamo bwino na mwamusanga elo uza banzanko mwamene wapendela.

☐ Na ichita!

4. Ika tupendelo tuli 6 pa ka frame of 10 uyambile ku left pa mwamba.

Penda tu pendelo muma gulu ya 5.

※Peza njila yopendelamo bwino na mwamusanga elo uza banzanko mwamene wapendela.

☐ Na ichita!

5. Ika tupendelo tuli 10 pa ka frame of 10 uyambile ku left pa mwamba.

Penda tu pendelo muma gulu ya 5.

※Peza njila yopendelamo bwino na mwamusanga elo uza banzanko mwamene wapendela.

☐ Na ichita!

1. Ika tupendelo tuli 18 pa ma frame of 10 uyambile ku left pa mwamba.

Penda tu pendelo muma gulu ya 10.

※Peza njila yopendelamo bwino na mwamusanga elo uza banzanko mwamene wapendela.

☐ Na ichita!

2. Ika tupendelo tuli 13 pa ma frame of 10 uyambile ku left pa mwamba.

Penda tu pendelo muma gulu ya 10.

※Peza njila yopendelamo bwino na mwamusanga elo uza banzanko mwamene wapendela.

☐ Na ichita!

3. Ika tupendelo tuli 16 pa ma frame of 10 uyambile ku left pa mwamba.

Penda tu pendelo muma gulu ya 10 na 5.

※Peza njila yopendelamo bwino na mwamusanga elo uza banzanko mwamene wapendela.

☐ Na ichita!

4. Ika tupendelo tuli 17 pa ma frame of 10 uyambile ku left pa mwamba.

Penda tu pendelo muma gulu ya 10 na 5.

※Peza njila yopendela bwino elo na mwamusanga elo uza banzako mwamene wapendela.

☐ Na ichita!

5. Ika tupendelo tuli 12 pa ma frame of 10 uyambile ku left pa mwamba.

Penda tu pendelo muma gulu ya 10.

※Peza njila yopendelamo bwino na mwamusanga elo uza banzanko mwamene wapendela.

☐ Na ichita!

1. Konza tu pendelo tuli 20.

Tantika tu pendelo mwamene uganizila tunga nkhalile pa ma frame of 10.

※Uza banzanko motufakila.

☐ Na ichita!

2. Konza tu pendelo tuli 14.

Tantika tu pendelo mwamene uganizila tunga nkhalile pa ma frame of 10.

※Uza banzanko motufakila.

☐ Na ichita!

3. Konza tu pendelo tuli 18.

Tantika tu pendelo mwamene uganizila tunga nkhalile pa ma frame of 10.

※Uza banzanko motufakila.

☐ Na ichita!

4. Konza tu pendelo tuli 16.

Tantika tu pendelo mwamene uganizila tunga nkhalile pa ma frame of 10.

※Uza banzanko motufakila.

☐ Na ichita!

5. Ganiza tuma frame of 10 tubili. Pasala ma spaces yangati, ngati pali tu pendelo tuli 13?

※Uza banzanko motufakila.

☐ Na ichita!

6. Ganiza tuma frame of 10 tubili. Pasala ma spaces yangati, ngati pali tu pendelo tuli 17?

※Uza banzanko motufakila.

☐ Na ichita!

1. Konza tuma frame of 10 tubili. Ku side ku mozi ika tu pendelo tutatu, ku side kwinangu ika tu pendelo tuli 9.

Ganiza ngati tuli tungati tu pendelo pamozi muma gulu ya 10.

Lemba ansa: _____

☐ Na ichita!

2. Konza tuma frame of 10 tubili. Ku side ku mozi ika tu pendelo tuli 4, ku side kwinangu ika tu pendelo tuli 7.

Ganiza ngati tuli tungati tu pendelo pamozi muma gulu ya 10.

Lemba ansa: _____

☐ Na ichita!

3. Konza tuma frame of 10 tubili. Ku side ku mozi ika tu pendelo tuli 5, ku side kwinangu ika tu pendelo tuli 8.

Ganiza ngati tuli tungati tu pendelo pamozi muma gulu ya 10.

Lemba ansa: _____

☐ Na ichita!

4. Konza tuma frame of 10 tubili. Ku side ku mozi ika tu pendelo tuli 7, ku side kwinangu ika tu pendelo tuli 6.

Ganiza ngati tuli tungati tu pendelo pamozi muma gulu ya 10.

Lemba ansa: _____

☐ Na ichita!

5. Konza tuma frame of 10 tubili. Ku side ku mozi ika tu pendelo tuli 8, ku side kwinangu ika tu pendelo tuli 7.

Ganiza ngati tuli tungati tu pendelo pamozi muma gulu ya 10.

Lemba ansa: _____

☐ Na ichita!

6. Konza tuma frame of 10 tubili. Ku side ku mozi ika tu pendelo tuli 6, ku side kwinangu ika tu pendelo tuli 9.

Ganiza ngati tuli tungati tu pendelo pamozi muma gulu ya 10.

Lemba ansa: _____

☐ Na ichita!

1. Konza tuma frame of 10 tuli 4. Ku side ku mozi ika tu pendelo tuli 13, ku side kwinangu ika tu pendelo tuli 19.

Ganiza ngati tuli tungati tu pendelo pamozi muma gulu ya 10.

☐ Na ichita!

Lemba ansa: _____

2. Konza tuma frame of 10 tuli 4. Ku side ku mozi ika tu pendelo 14, ku side kwinangu ika tu pendelo tuli 17.

Ganiza ngati tuli tungati tu pendelo pamozi muma gulu ya 10.

☐ Na ichita!

Lemba ansa: _____

3. Konza tuma frame of 10 tuli 4. Ku side ku mozi ika tu pendelo 15, ku side kwinangu ika tu pendelo tuli 18.

Ganiza ngati tuli tungati tu pendelo pamozi muma gulu ya 10.

☐ Na ichita!

Lemba ansa: _____

4. Konza tuma frame of 10 tuli 4. Ku side ku mozi ika tu pendelo 16, ku side kwinangu ika tu pendelo tuli 12.

Ganiza ngati tuli tungati tu pendelo pamozi muma gulu ya 10.

☐ Na ichita!

Lemba ansa: _____

5. Konza tuma frame of 10 tuli 4. Ku side ku mozi ika tu pendelo 17, ku side kwinangu ika tu pendelo tuli 16.

Ganiza ngati tuli tungati tu pendelo pamozi muma gulu ya 10.

☐ Na ichita!

Lemba ansa: _____

6. Nkhalani babili babili.

Panga funso ili monga yapamwaba yo funsa munzako.

1. Konza tuma frame of 10 tubili. Ika tu pendelo tuli 12.
Ganiza ngati ufunika tu pendelo tungati kuti tu kwane 20.

Lemba ansa: _____

☐ Na ichital!

2. Konza tuma frame of 10 tubili. Ika tu pendelo tuli 14.
Ganiza ngati ufunika tu pendelo tungati kuti tu kwane 20.

Lemba ansa: _____

☐ Na ichital!

3. Konza tuma frame of 10 tubili. Ika tu pendelo tuli 16.
Ganiza ngati ufunika tu pendelo tungati kuti tu kwane 20.

Lemba ansa: _____

☐ Na ichital!

4. Konza tuma frame of 10 tubili. Ika tu pendelo tuli 11.
Ganiza ngati ufunika tu pendelo tungati kuti tu kwane 20.

Lemba ansa: _____

☐ Na ichital!

5. Konza tuma frame of 10 tubili. Ika tu pendelo tuli 17.
Ganiza ngati ufunika tu pendelo tungati kuti tu kwane 20.

Lemba ansa: _____

☐ Na ichital!

6. Konza tuma frame of 10 tubili. Ika tu pendelo tuli 13.
Ganiza ngati ufunika tu pendelo tungati kuti tu kwane 20.

Lemba ansa: _____

☐ Na ichital!

7. Nkhalani babili babili.
Panga funso ili monga yapamwaba yo funsa munzako.

1. Konza tuma frame of 10 tuli 4. Ika tu pendelo tuli 27.

Ganiza ngati ufunika tu pendelo tungati kuti tu kwane 40 muma gulu ya 10.

Lemba ansa: _____

☐ Na ichita!

2. Konza tuma frame of 10 tuli 4. Ika tu pendelo tuli 24.

Ganiza ngati ufunika tu pendelo tungati kuti tu kwane 40 muma gulu ya 10.

Lemba ansa: _____

☐ Na ichita!

3. Konza tuma frame of 10 tuli 4. Ika tu pendelo tuli 28.

Ganiza ngati ufunika tu pendelo tungati kuti tu kwane 40 muma gulu ya 10.

Lemba ansa: _____

☐ Na ichita!

4. Konza tuma frame of 10 tuli 4. Ika tu pendelo tuli 18.

Ganiza ngati ufunika tu pendelo tungati kuti tu kwane 40 muma gulu ya 10.

Lemba ansa: _____

☐ Na ichita!

5. Konza tuma frame of 10 tuli 4. Ika tu pendelo tuli 13.

Ganiza ngati ufunika tu pendelo tungati kuti tu kwane 40 muma gulu ya 10.

Lemba ansa: _____

☐ Na ichita!

6. Nkhalani babili babili.

Panga funso ili monga yapamwaba yo funsa munzako.



1. Konza tuma frame of 10 tuli 5. Ika tu pendelo kuti tu kwane 49.

Penda tu pendelo mu njila yamusanga musanga.

※ Uza banzanko mu class mwamene wa ganizila.

☐ Na ichita!

2. Konza tuma frame of 10 tuli 5. Ika tu pendelo kuti tu kwane 38.

Penda tu pendelo mu njila yamusanga musanga.

※ Uza banzanko mu class mwamene wa ganizila.

☐ Na ichita!

3. Konza tuma frame of 10 tuli 5. Ika tu pendelo kuti tu kwane 26.

Penda tu pendelo mu njila yamusanga musanga.

※ Uza banzanko mu class mwamene wa ganizila.

☐ Na ichita!

4. Konza tuma frame of 10 tuli 5. Ika tu pendelo kuti tu kwane 32.

Penda tu pendelo mu njila yamusanga musanga.

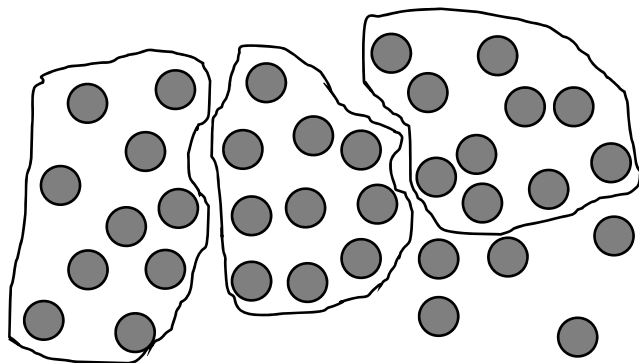
※ Uza banzanko mu class mwamene wa ganizila.

☐ Na ichita!

Extra activity1 (Counting numbers using group of 10)

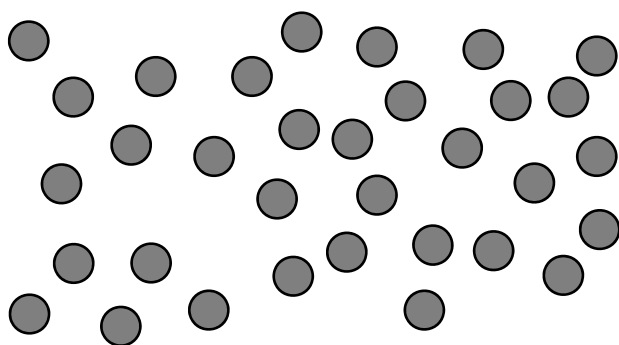
(Chisanzo)

Yali yangati ma dot?

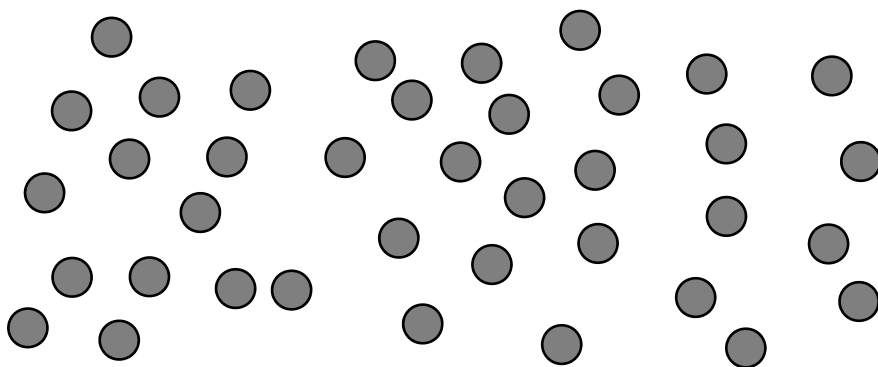


35

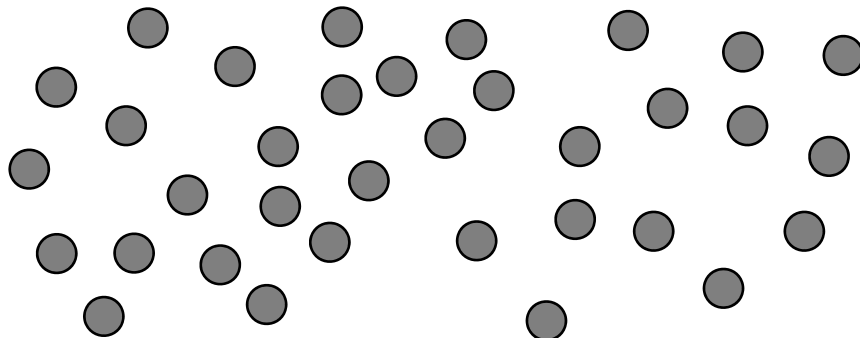
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(2)



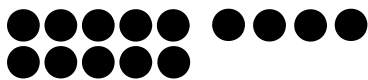
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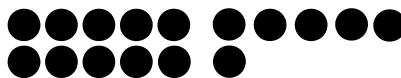
5-1

Tuli tungati tuma dot utu? Uza banzako mwamene wapendela bwino.

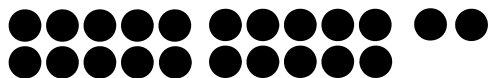
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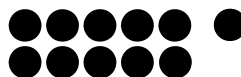
(2)



(3)



(4)



(5)



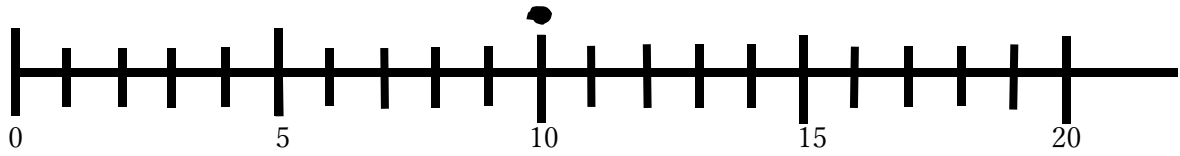
(6)



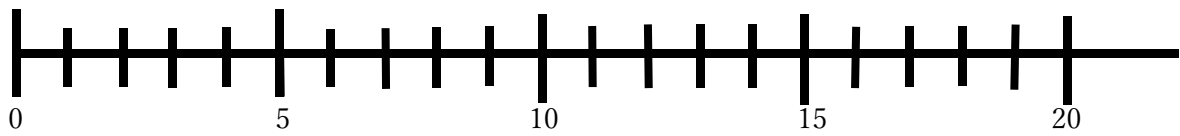
$$5 - 2a$$

Langiza ma aya namba pa namba line.

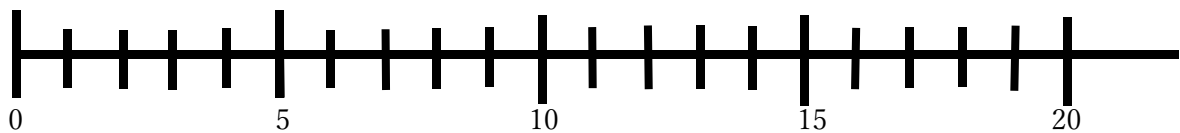
(Chisanzo) 10



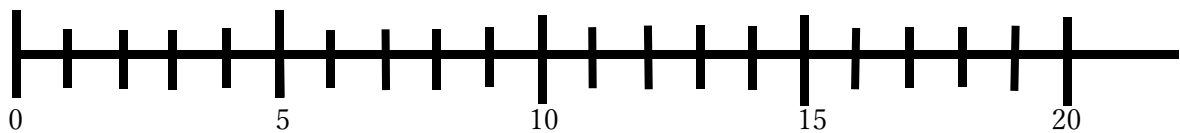
(1) 12



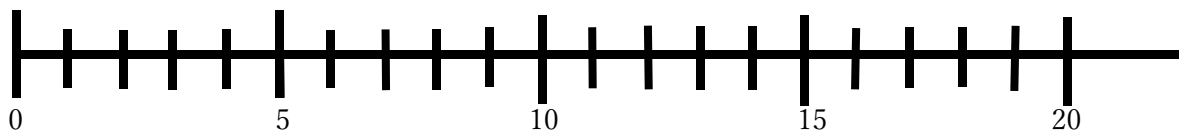
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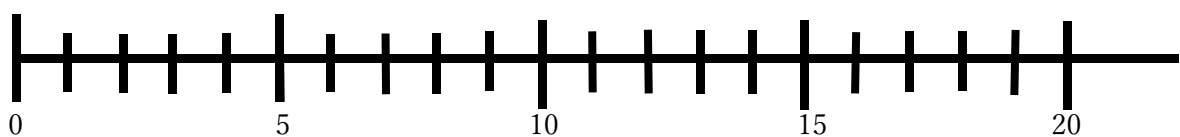
(3) 11



(4) 16

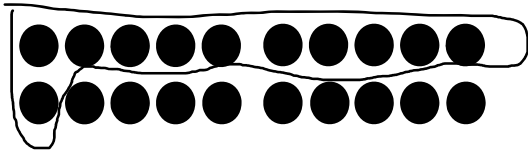


(5) 19

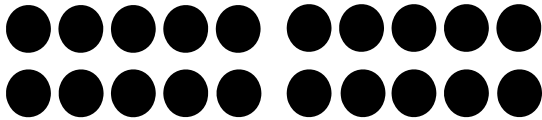


Circling'a aya ma number yama dots. Fakila nzelu kumagulu ya 10.

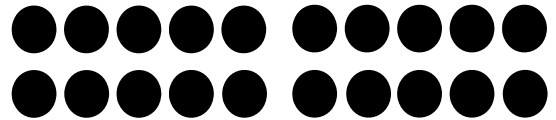
(Chisanzo) 11



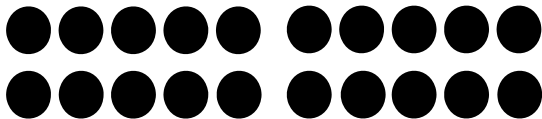
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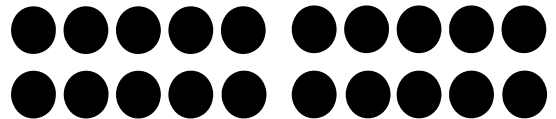
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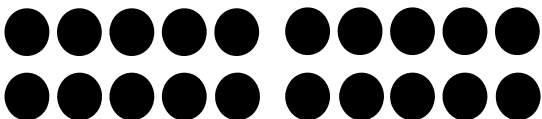
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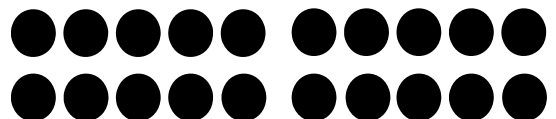
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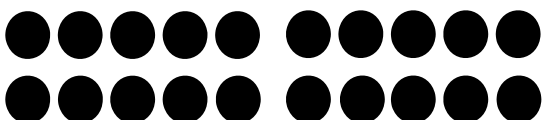
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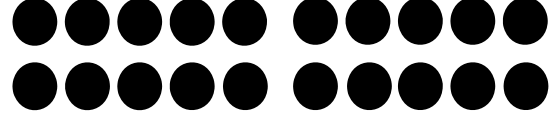
(6) 19



(7) 13



(8) 17

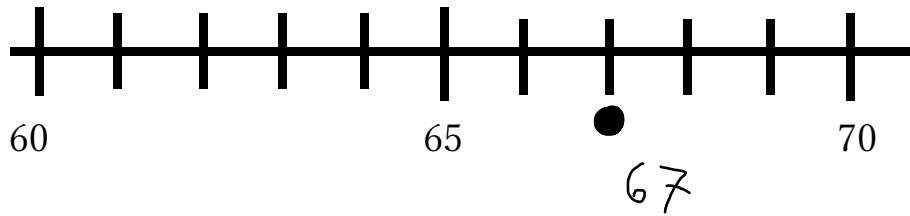


$$5 - 3a$$

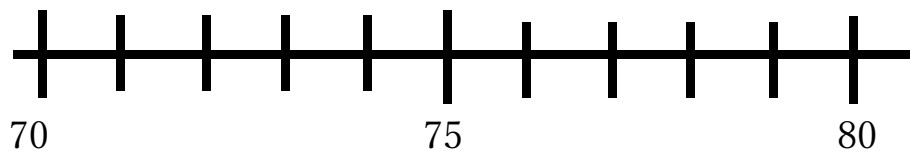
Langiza ma aya namba pa namba line.

(Chisanzo)

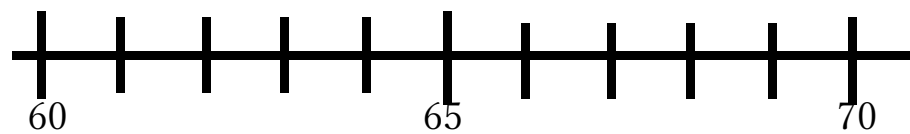
67



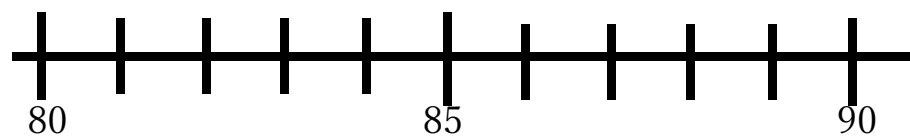
(1) 77



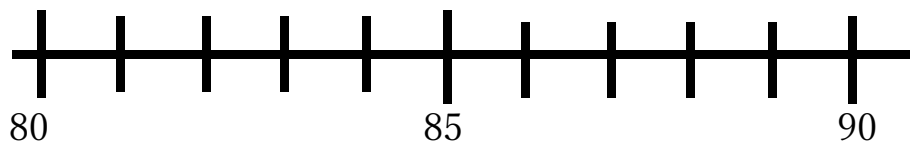
(2) 68



(3) 89



(4) 83

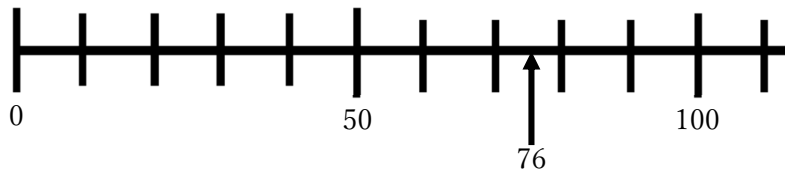


$$5 - 3b$$

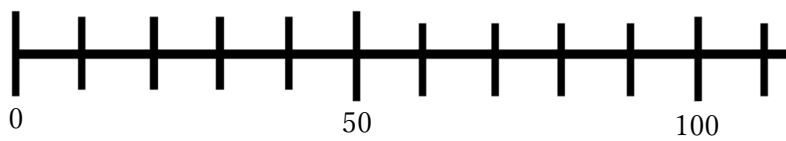
Langiza ma aya namba pa namba line.

(Chisanzo)

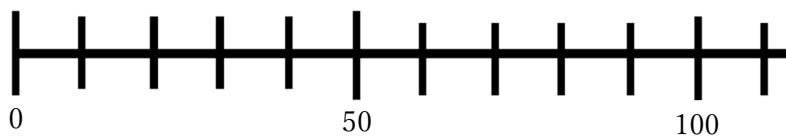
76



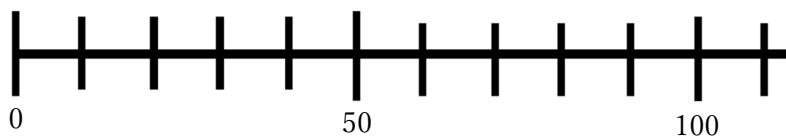
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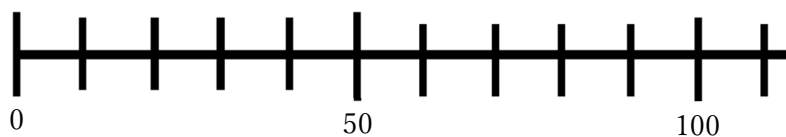
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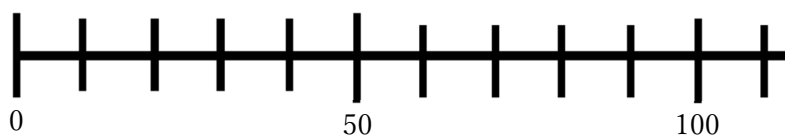
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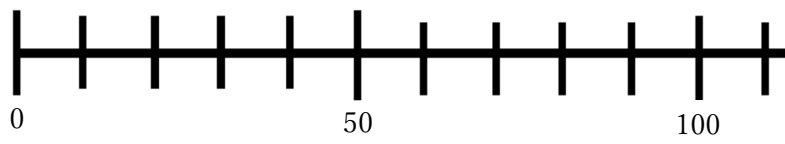
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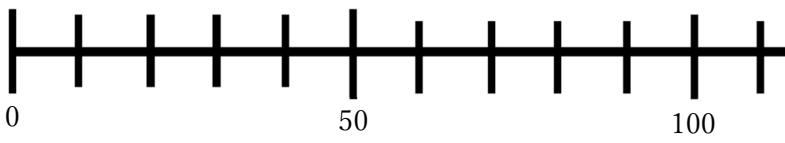
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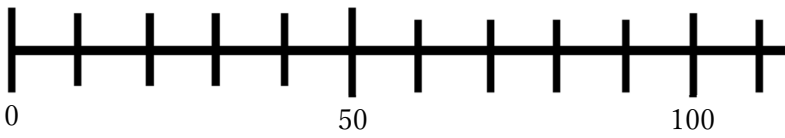
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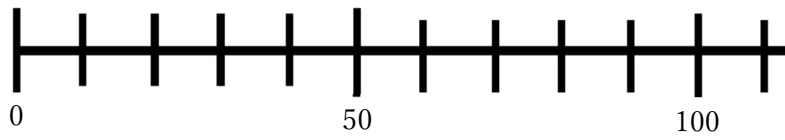
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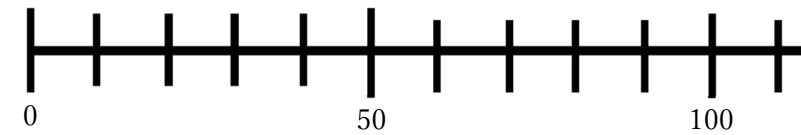
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(9) 103

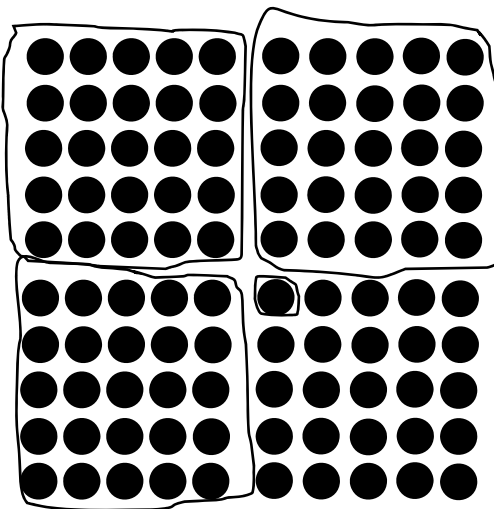
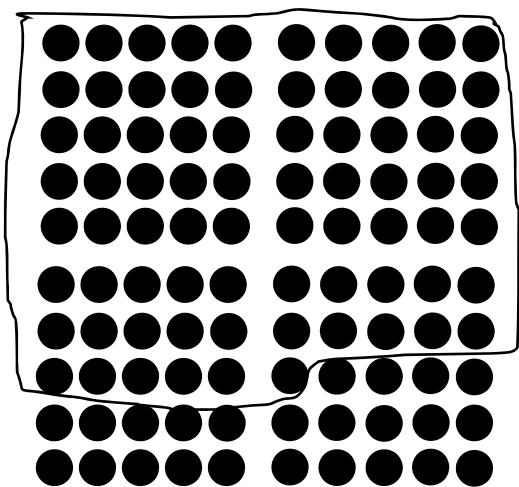


(10) 120

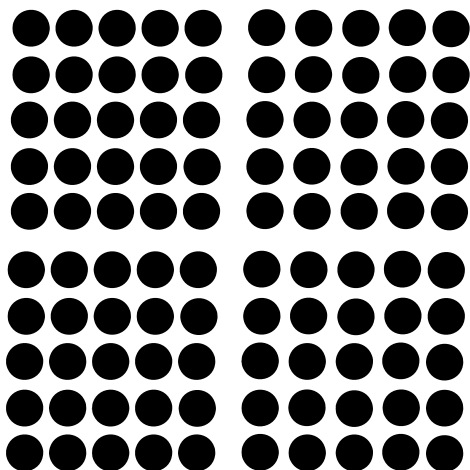


Circling'a aya ma number yama dots. Uza banzako mwamene waganizila.

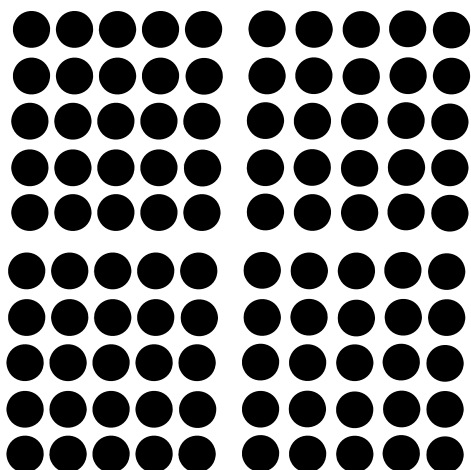
Chisanzo: 76



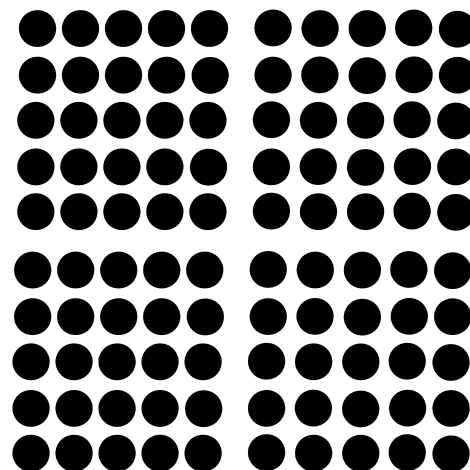
(1) 54



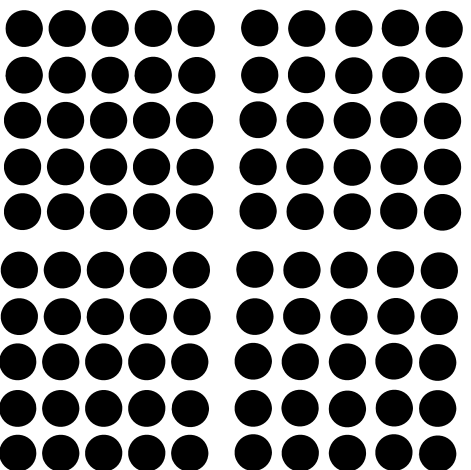
(2) 80



(3) 98

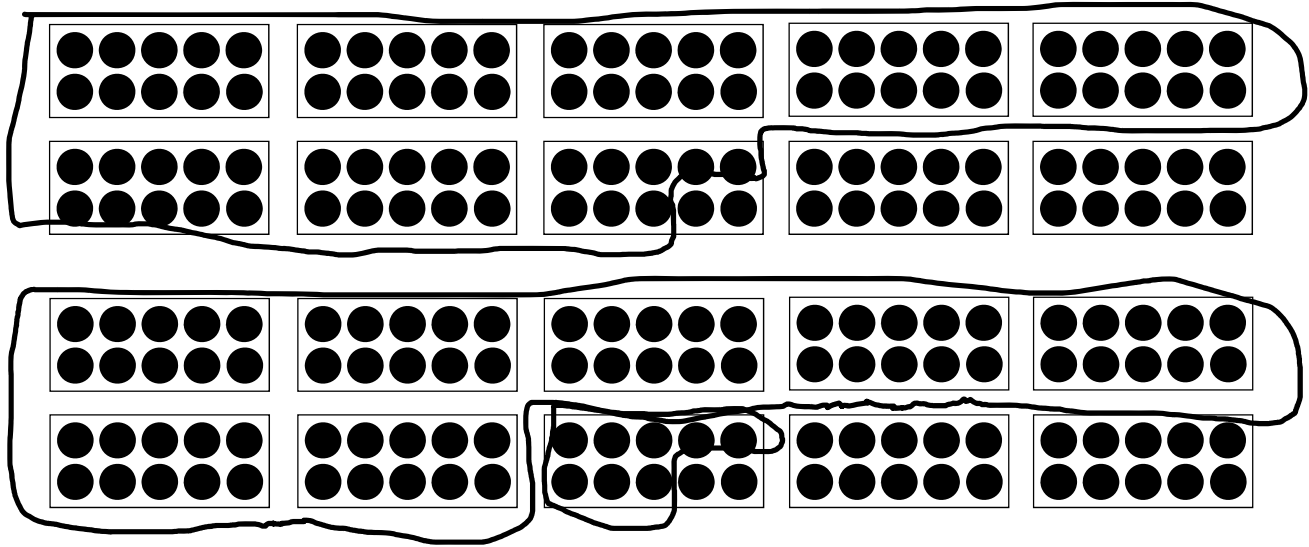


(4) 79

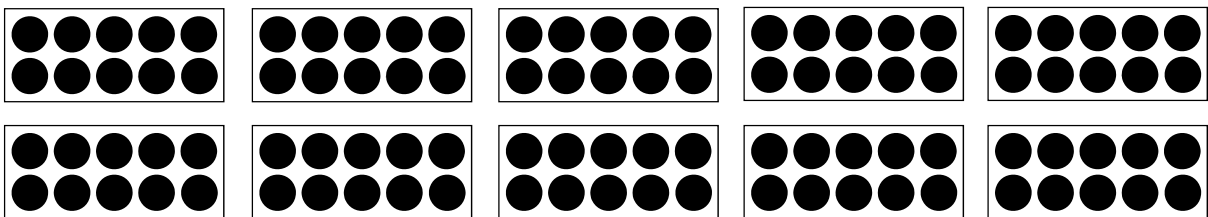


Circling'a aya ma number yama dots. Uza banzako mwamene waganizila.

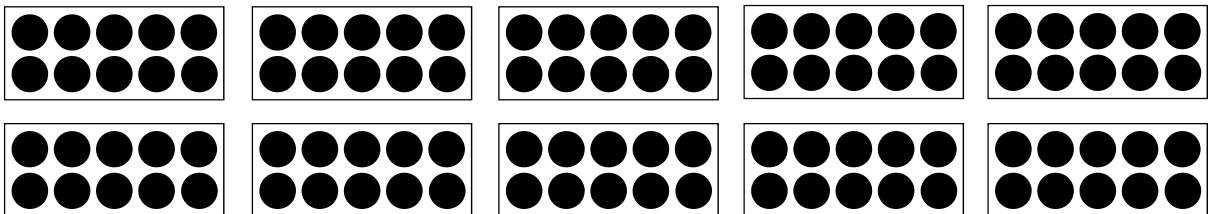
Chisanzo: 78



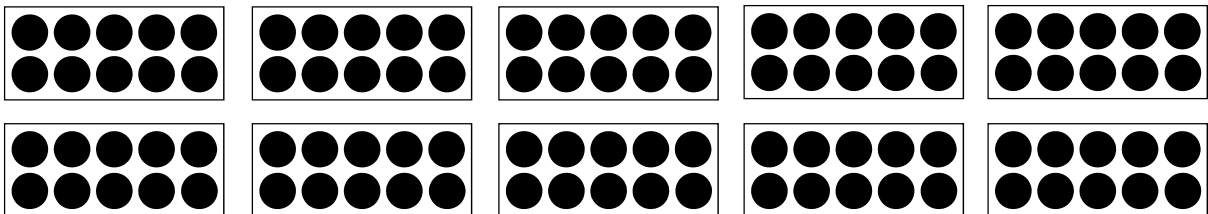
(1) 55



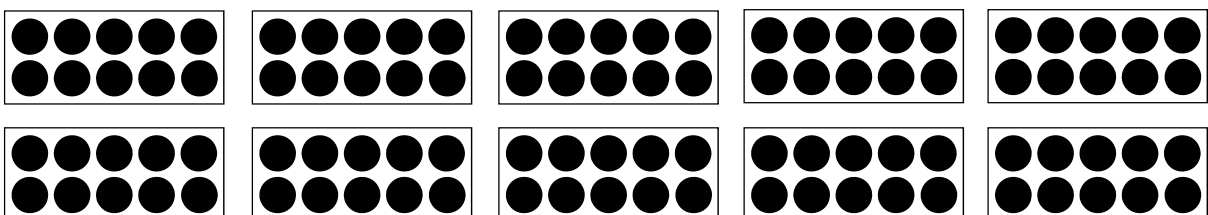
(2) 73



(3) 89



(4) 102

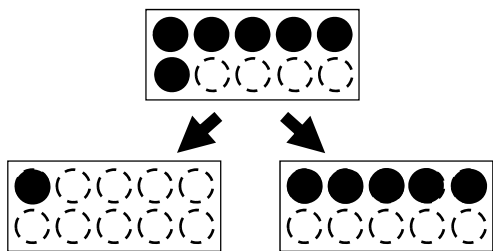


Extra activity 2 (Number bond with dots)

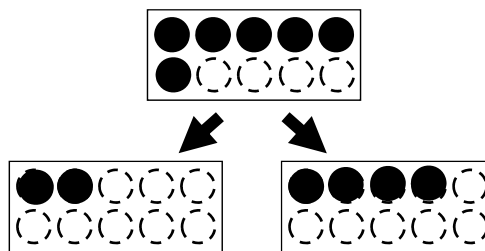
Drawinga tuma dot ku patula number.

(Chisanzo)

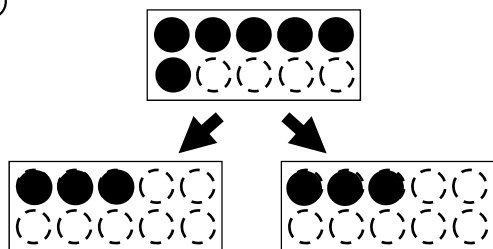
①



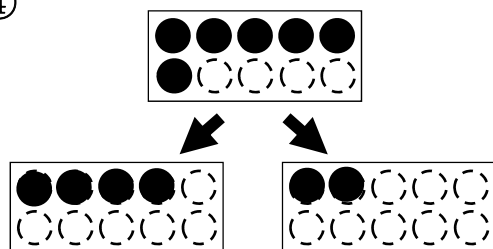
②



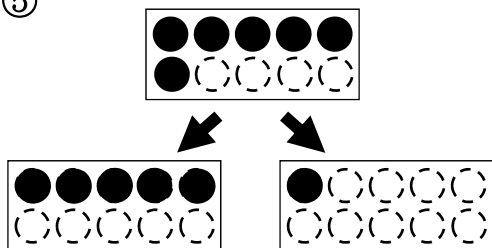
③



④

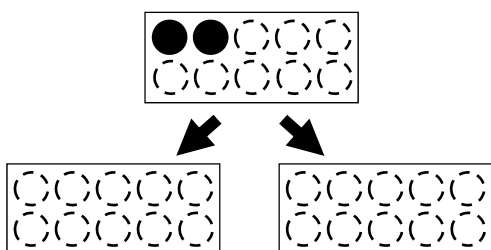


⑤



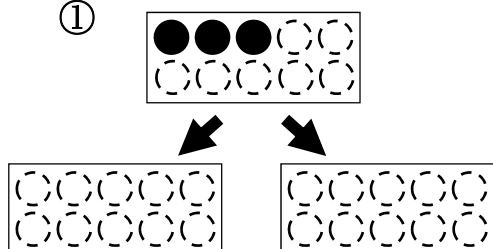
(1)

①

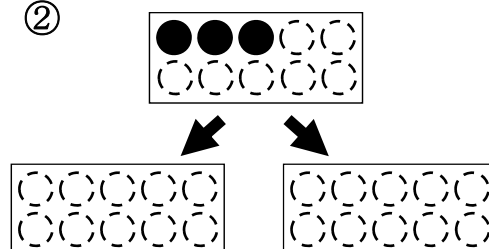


(2)

①

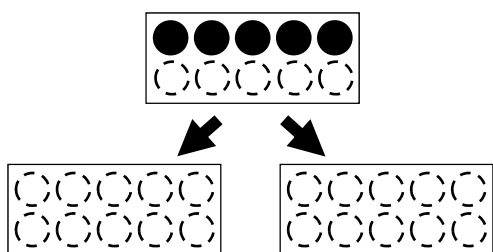


②

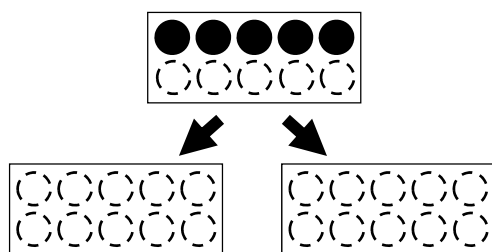


(3)

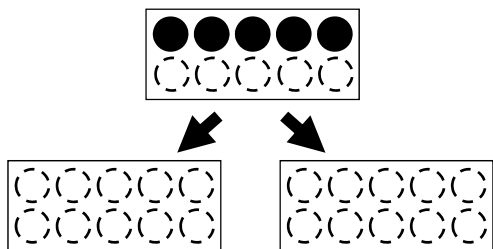
①



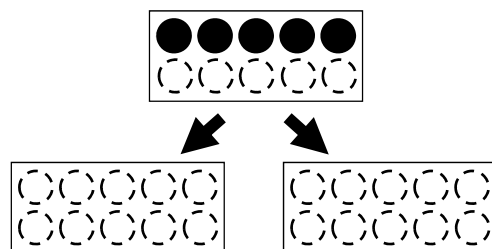
②



④

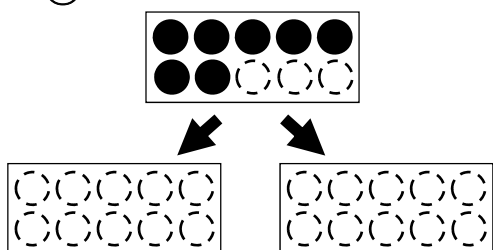


③

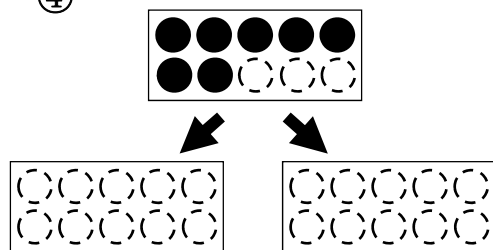


(4)

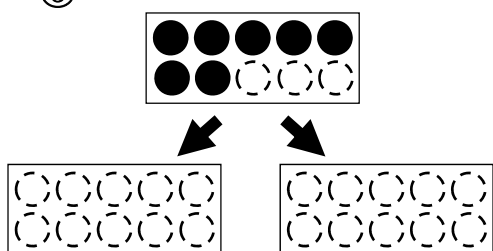
②



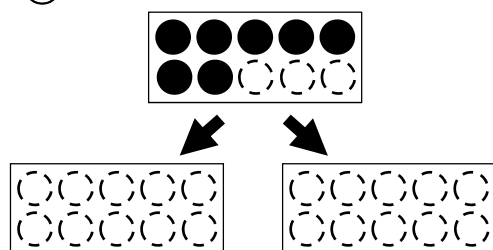
④



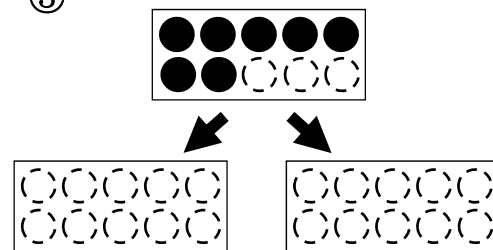
⑥



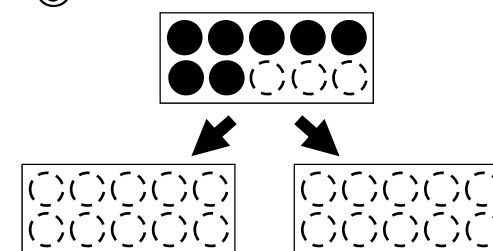
①



③

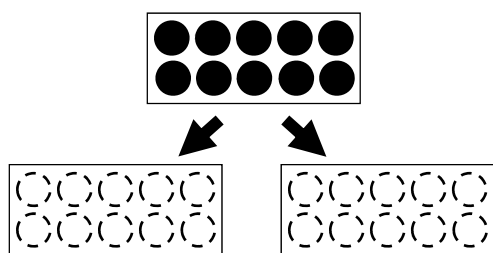


⑤

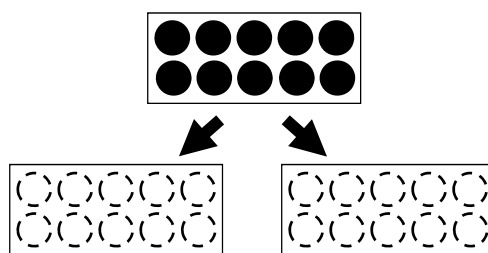


(6)

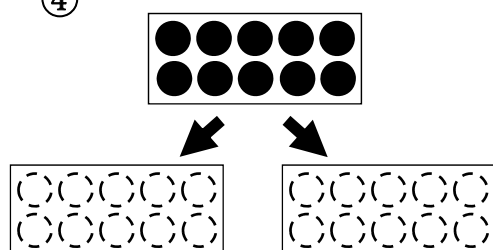
①



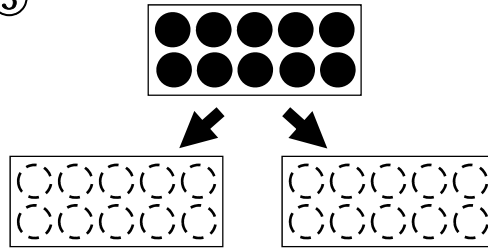
②



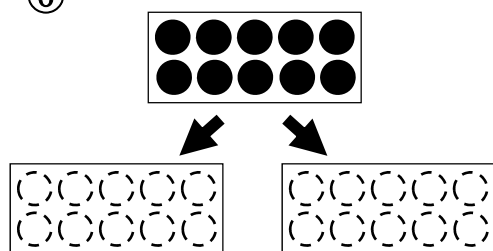
④



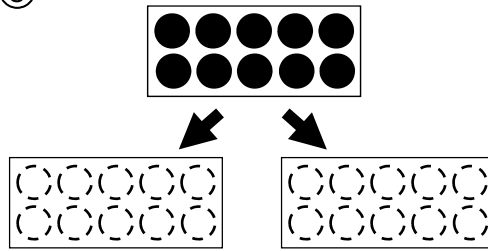
③



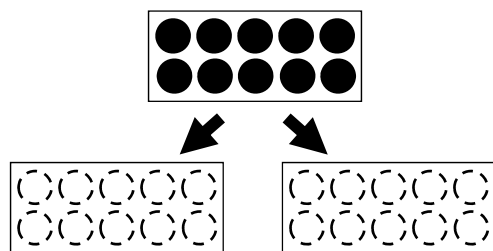
⑥



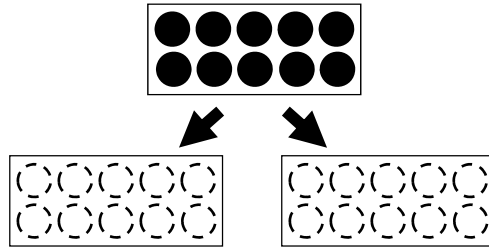
⑤



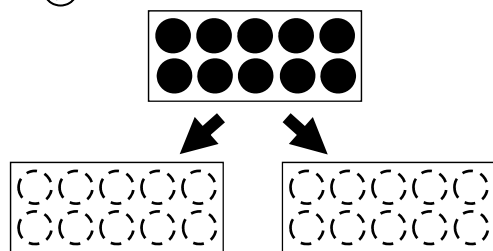
⑦



⑧

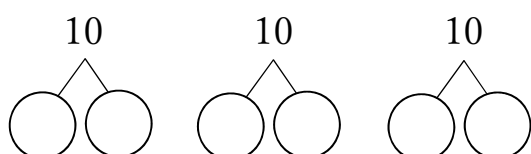
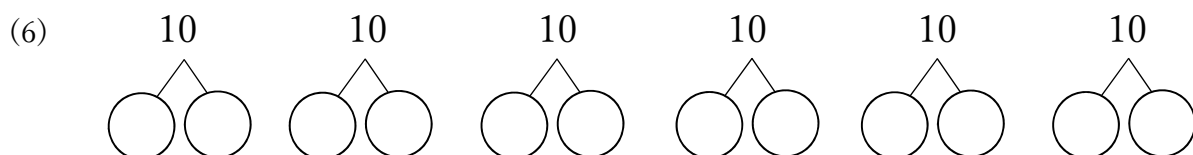
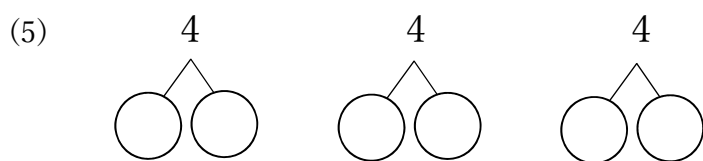
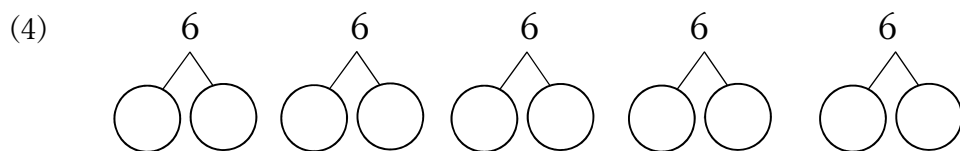
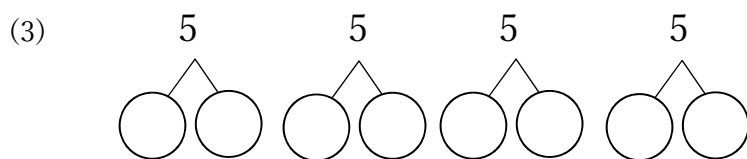
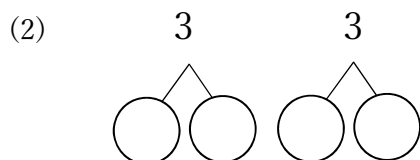
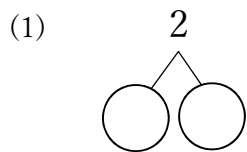
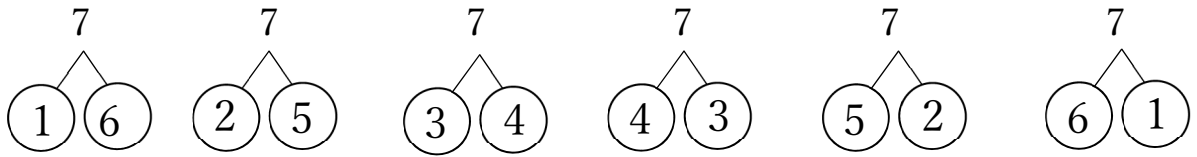


⑨

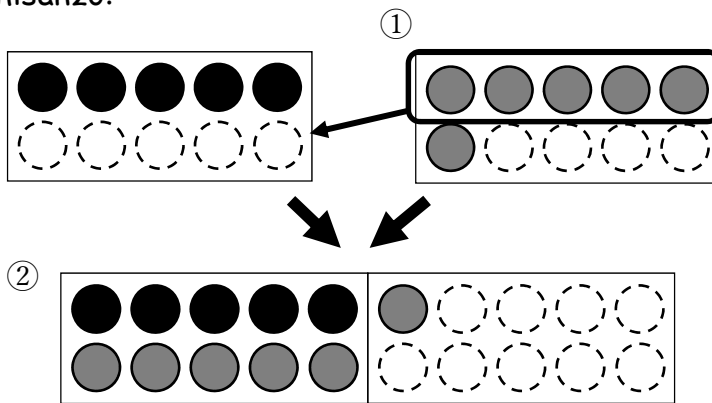


Extra activity 3 (Number bond)

Gabanisa ma number yali pa mwamba.
(Chisanzo)



Chisanzo:



$$③ \quad 5 + 6 = 11$$

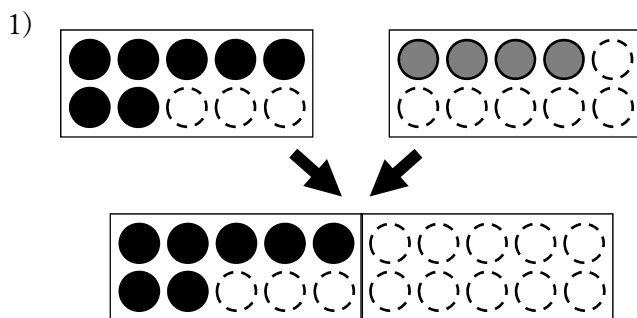
Mochitila/Vokonka:

- ① Ganiza number tupendelo twamene finika ku fendeza kuti ti pange 10.
- ② Shadinga tupendelo tuli 10 na twamene twasalila, upeze na answer.
- ③ Lemba ma sum ku onesa vamene wa chita.

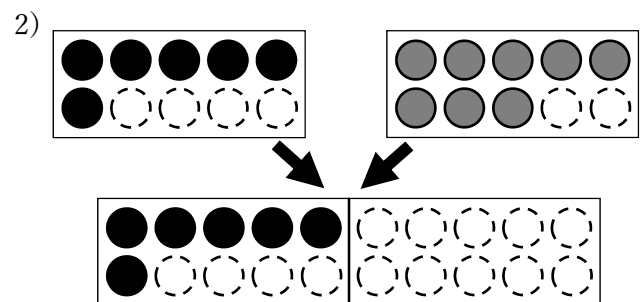
[Chizibiso/Zindikira]

Ungasebenzese tupendelo ngati ufuna.

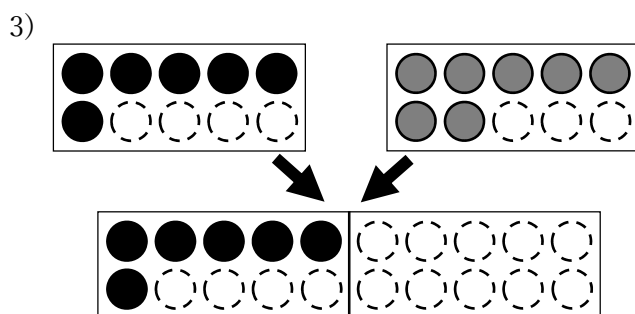
Drawinga ma marble elo lemba ansa yama sum.



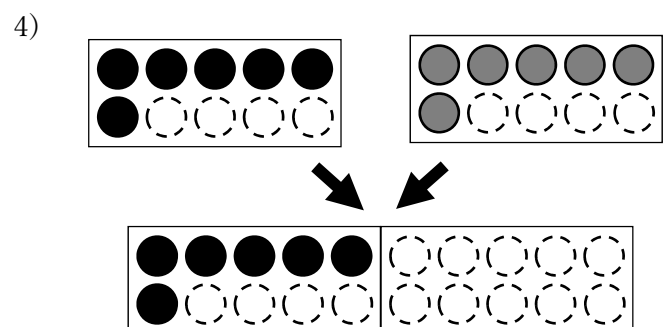
$$7 + 4 = \underline{\quad}$$



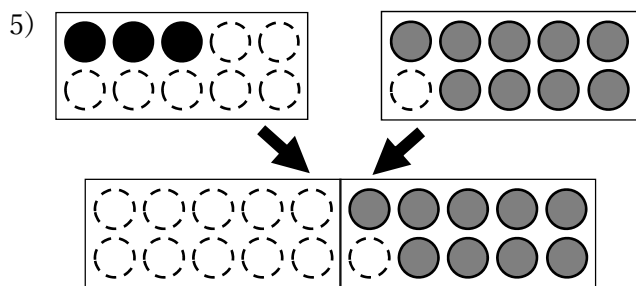
$$6 + 8 = \underline{\quad}$$



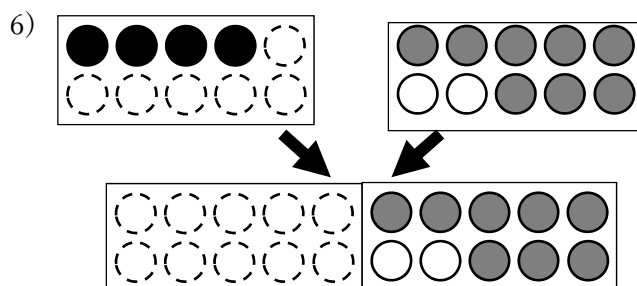
$$6 + 7 = \underline{\quad}$$



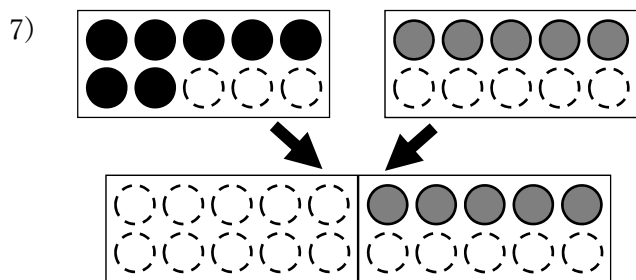
$$6 + 6 = \underline{\quad}$$



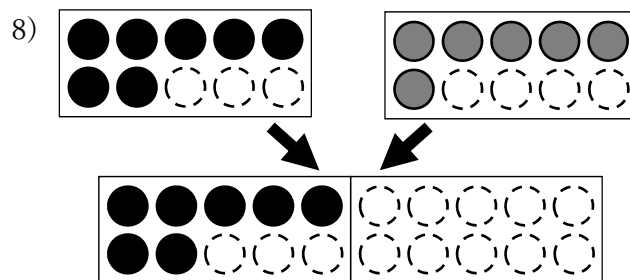
$$3 + 9 =$$



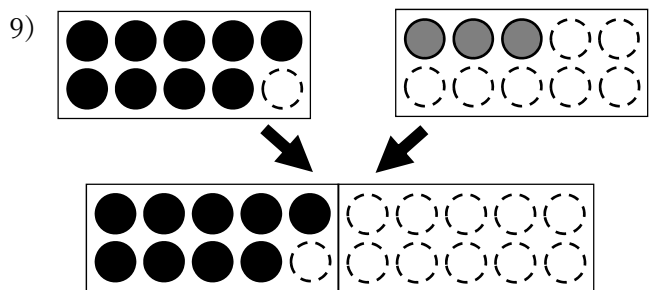
$$4 + 8 =$$



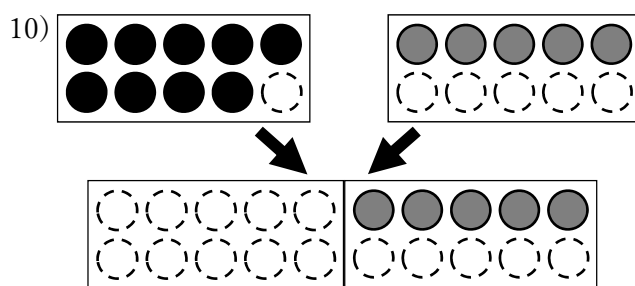
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



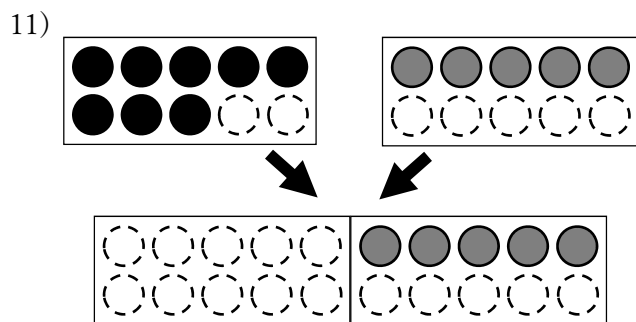
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



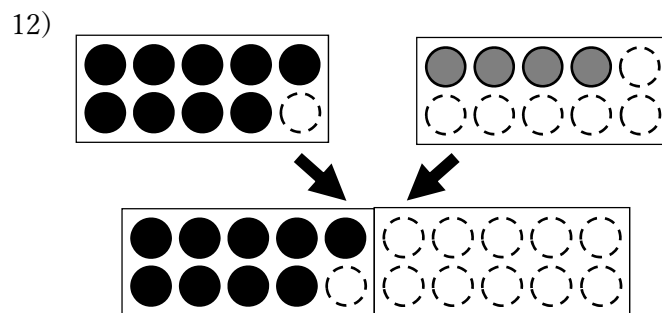
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



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



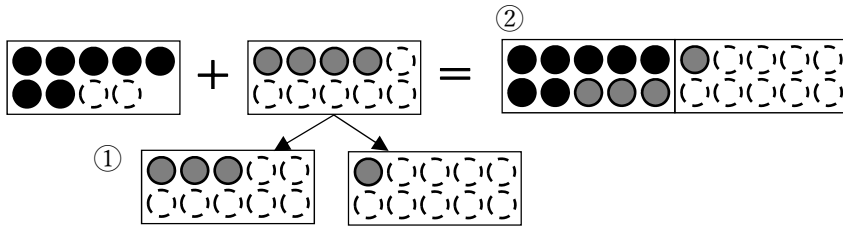
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



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

Chisanzo:

$$7 + 4 = 11$$



Mochitila/Vokonka:

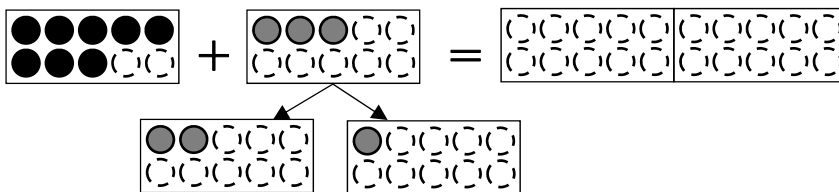
- ① Ganiza number tupendelo twamene finika ku fendeza kuti ti pange 10.
- ② 10 na number wa gabanisa ndiye answer. Shadinga tupendelo ku onesa answer.
- ③ Lemba ansa ya masamu aya.

[Chizibiso/Zindikira]

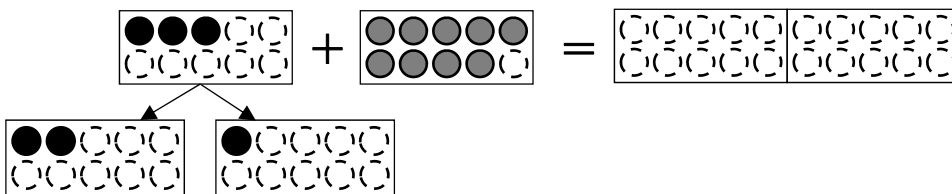
Ungasebenzese tupendelo
ngati ufuna

Drawinga ma marble elo lemba ansa yama sum.

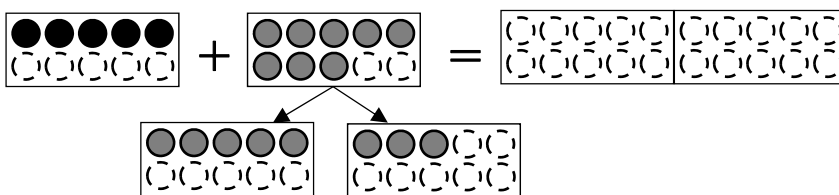
$$(1) \quad 8 + 3 =$$



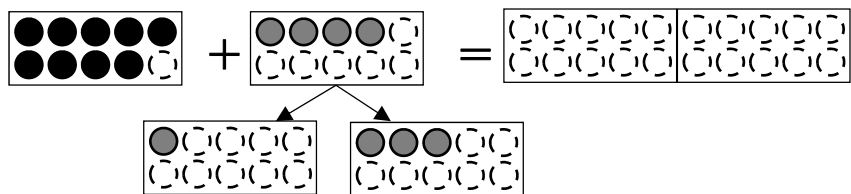
$$(2) \quad 3 + 9 =$$



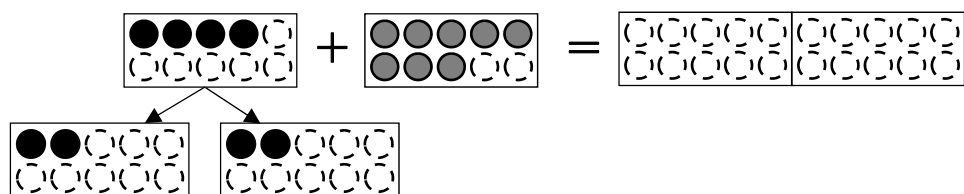
$$(3) \quad 5 + 8 =$$



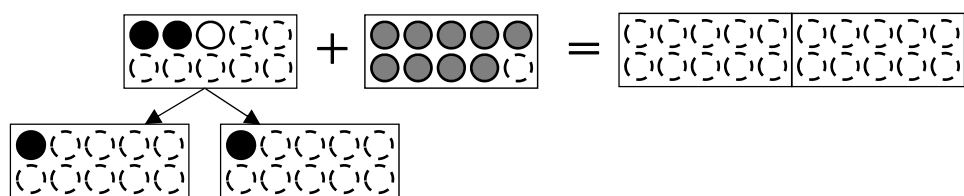
(4) $9 + 4 =$



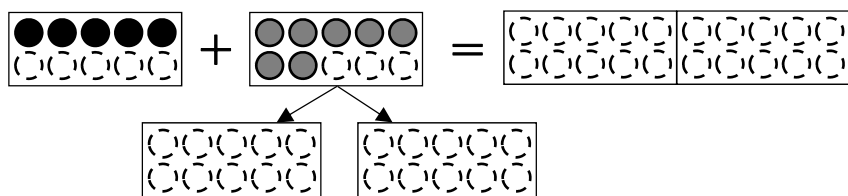
(5) $4 + 8 =$



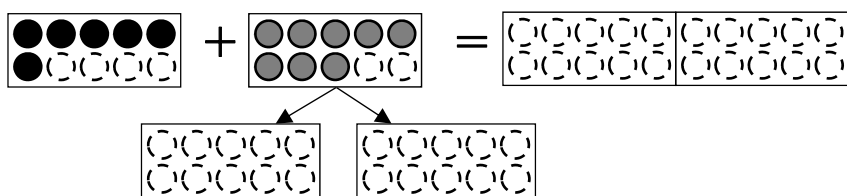
(6) $2 + 9 =$



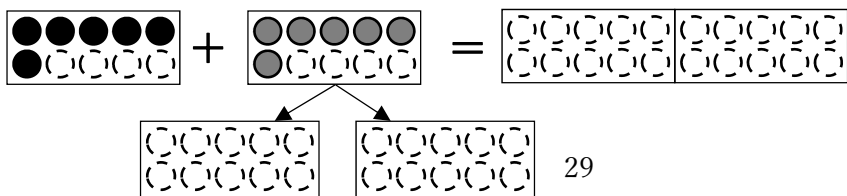
(7) $5 + 7 =$



(8) $6 + 8 =$



(9) $6 + 6 =$



Peza masamu aya, ugabanise namba imozi kuti ipange 10.

1) $5 + 6 = 11$

2) $9 + 6 =$

3) $8 + 8 =$

4) $9 + 2 =$

5) $9 + 5 =$

6) $7 + 7 =$

7) $8 + 4 =$

8) $9 + 8 =$

9) $4 + 9 =$

10) $8 + 9 =$

11) $9 + 7 =$

12) $6 + 5 =$

13) $7 + 8 =$

14) $6 + 9 =$

15) $7 + 9 =$

16) $5 + 9 =$

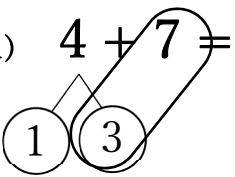
17) $8 + 6 =$

18) $9 + 4 =$

19) $8 + 7 =$

Peza masamu aya, ugabanise namba imozi kuti ipange 10.

1) $4 + 7 = 11$



2) $6 + 7 =$

3) $7 + 9 =$

4) $9 + 7 =$

5) $9 + 8 =$

6) $4 + 8 =$

7) $8 + 9 =$

8) $7 + 8 =$

9) $6 + 5 =$

10) $7 + 5 =$

11) $6 + 9 =$

12) $7 + 6 =$

13) $5 + 6 =$

14) $9 + 6 =$

15) $3 + 8 =$

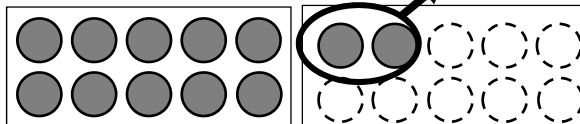
Unga sanke ilionse number yosenbenzesa mu ma sum.



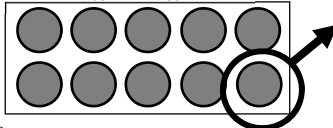
Chisanzo:

$$12 - 3 = 9$$

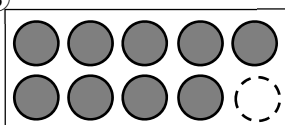
① Chosamo tubili



② Chosamo kamozi



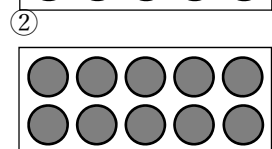
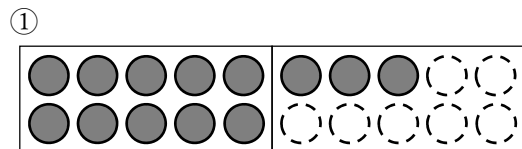
③



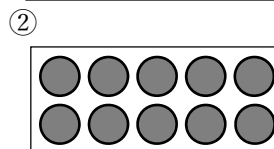
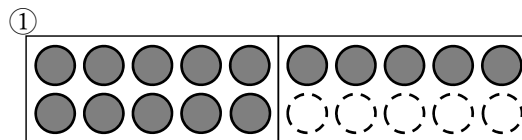
Iyi ndiye ansa!

Peza masamu aya yochesela.

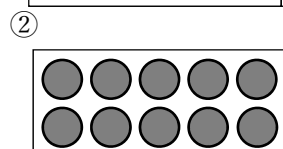
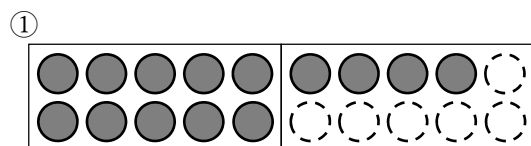
1) $13 - 4 =$



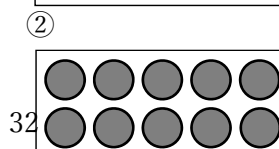
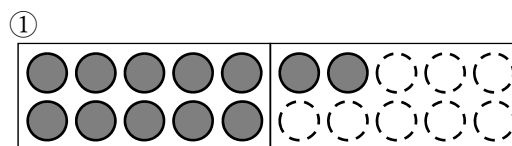
2) $15 - 6 =$



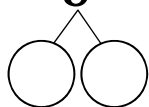
3) $14 - 5 =$



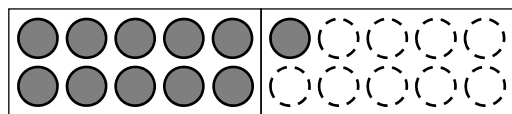
4) $12 - 4 =$



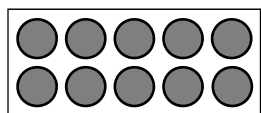
5) $11 - 3 =$



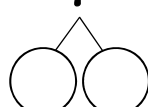
①



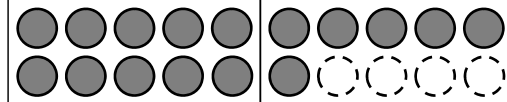
②



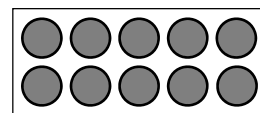
6) $16 - 7 =$



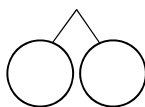
①



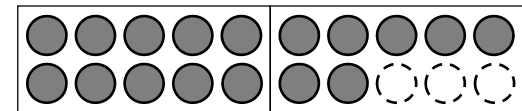
②



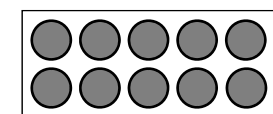
7) $17 - 8 =$



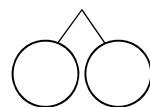
①



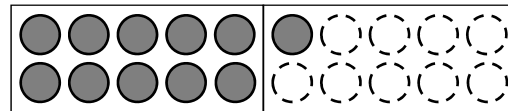
②



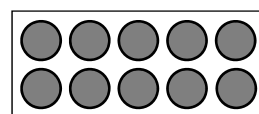
8) $11 - 2 =$



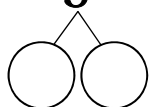
①



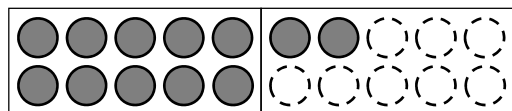
②



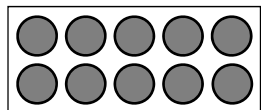
9) $12 - 3 =$



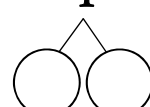
①



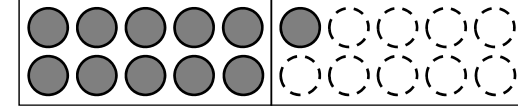
②



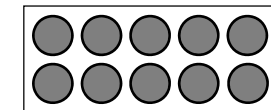
10) $11 - 4 =$



①

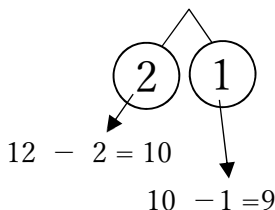


②



Chisanzo:

$$12 - 3 = 8$$



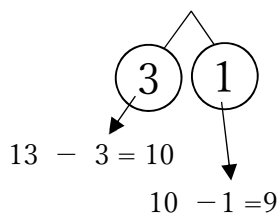
Steps:

① 3 niyogabanisiwa muma number yabili, imozi niyolembewa yoyambilila(number 2), elo yasala(number 1).

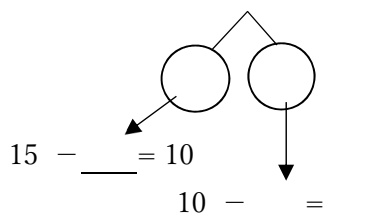
② Ku 12 ta chosako 2 ku peza 10, ku 10 tachosako 1 ku peza 9.

Peza ma sum aya, ku lemba ma number mu malo mwamene mulibe.

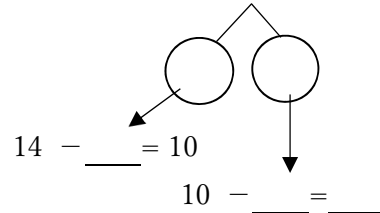
1) $13 - 4 =$



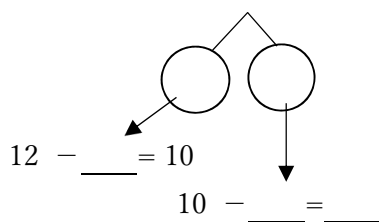
2) $15 - 6 =$



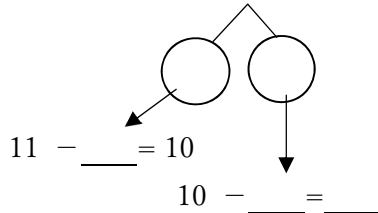
3) $14 - 5 =$



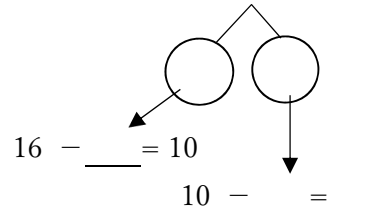
4) $12 - 4 =$



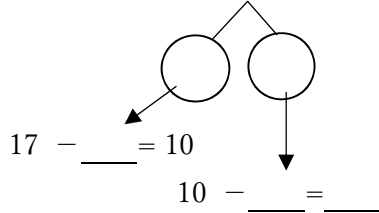
5) $11 - 3 =$



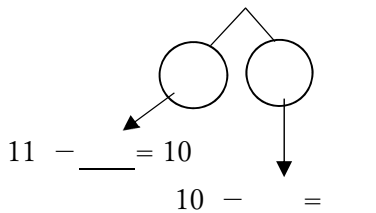
6) $16 - 7 =$



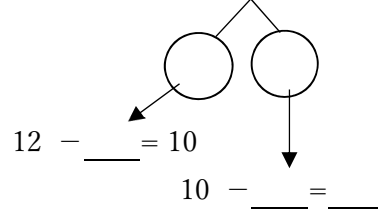
7) $17 - 8 =$



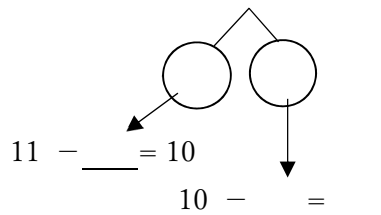
8) $11 - 2 =$



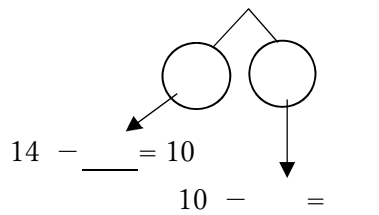
9) $12 - 3 =$



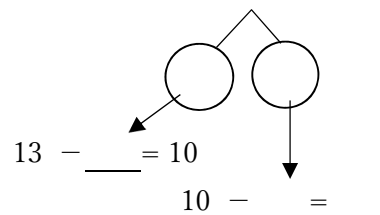
10) $11 - 4 =$



11) $14 - 6 =$



12) $13 - 6 =$

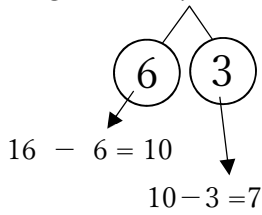


Peza masamu aya yochosela, na kulembe mwamene wayipezela weka

1) $16 - 9 = 7$

2) $15 - 8 =$

3) $15 - 9 =$



4) $14 - 9 =$

5) $15 - 6 =$

6) $14 - 8 =$

7) $18 - 9 =$

8) $13 - 8 =$

9) $17 - 9 =$

13) $15 - 7 =$

14) $14 - 7 =$

15) $13 - 8 =$

16) $17 - 9 =$

17) $18 - 9 =$

18) $16 - 8 =$

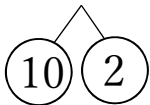
19) $12 - 4 =$

20) $11 - 3 =$

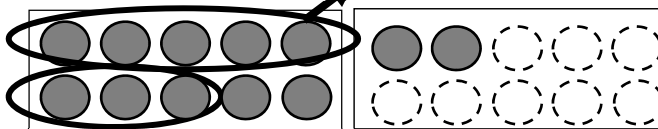
21) $16 - 7 =$

Chisanzo:

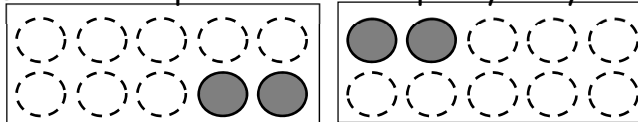
$$12 - 8 = 4$$



① Chosamo 8 mugulu ya 10

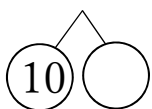


② Onkeselapo tuli 4 twasalapo. Iyi ndiye ansa!

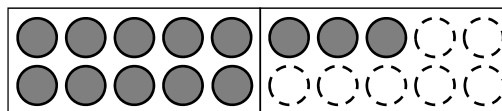


Lemba ma numba elo drawinga diagram kwati ili monga pamwamba

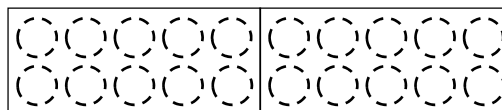
1) $13 - 5 = \underline{\hspace{2cm}}$



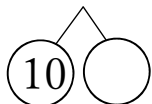
① Chosamo 5 mu gulu ya 10.



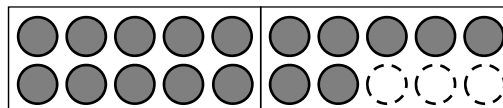
② Onjeza yasalako: ____



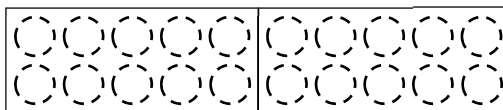
2) $17 - 9 =$



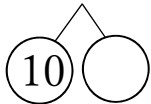
① Chosamo 9 mu gulu ya 10.



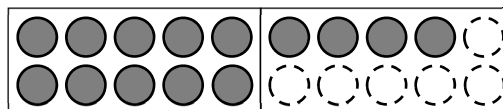
② Onkesa yasalako: ____



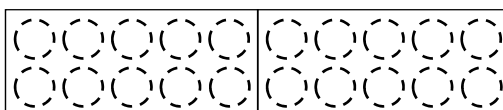
3) $14 - 7 =$



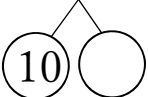
① Chosamo 7 mu gulu ya 10.



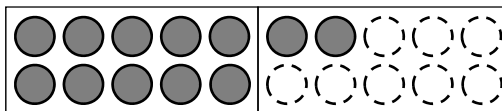
② Onkesa yasalako: ____



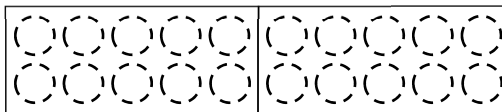
4) $12 - 6 = \underline{\quad}$



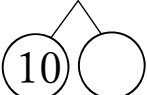
① Chosamo 6 mu gulu ya 10.



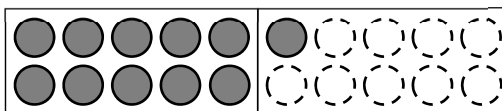
② Onkesa yasalako:



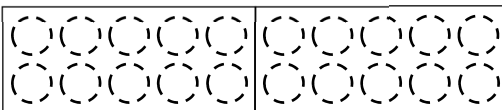
5) $11 - 8 =$



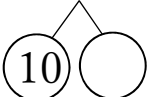
① Chosamo 8 mu gulu ya 10.



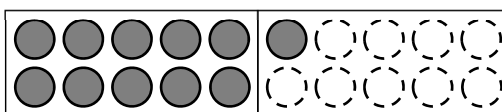
② Onkesa yasalako:



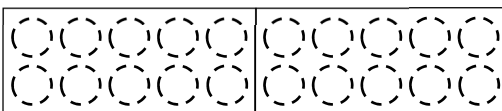
6) $11 - 6 =$



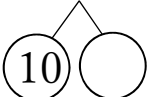
① Chosamo 6 mu gulu ya 10.



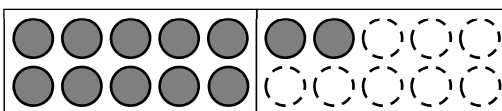
② Onkesa yasalako:



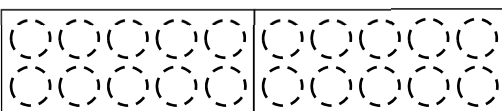
7) $12 - 9 =$



① Chosamo 9 mu gulu ya 10.

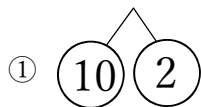


② Onkesa yasalako:



Chisanzo:

$$12 - 9 = 3$$



② $10 - 9 = 1$
 $1 + 2 = 3$

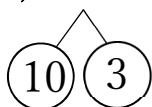
Mochitila/Vokonka:

① 12 niyogabanisiwa muli 10 na 2.

② 9 niyochosewa muli 10 ($10 - 9 = 1$)
 2 niyo onkesewa kuli 1 ($1 + 2 = 3$)

Peza masamu aya, kulemba mulibe volembewa.

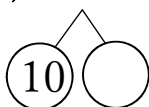
1) $13 - 5 =$



$$10 - 5 = 5$$

$$5 + 3 = 8$$

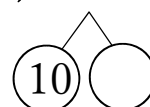
2) $17 - 9 =$



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

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

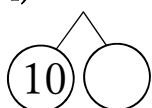
3) $14 - 7 =$



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

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

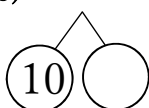
4) $12 - 6 =$



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

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

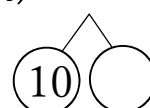
5) $11 - 8 =$



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

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

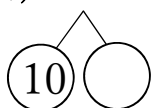
6) $11 - 6 =$



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

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

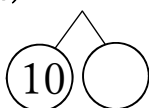
7) $12 - 9 =$



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

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

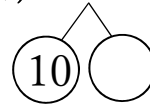
8) $16 - 9 =$



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

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

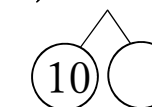
9) $11 - 5 =$



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

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

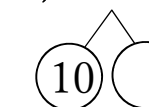
10) $13 - 9 =$



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

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

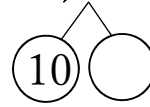
11) $12 - 8 =$



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

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

12) $16 - 8 =$



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

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

Peza masamu aya yochosela, na kulemba mwamene wayipezela weka.

1) $14 - 6 =$

2) $14 - 8 =$

3) $14 - 5 =$

4) $15 - 7 =$

5) $13 - 6 =$

6) $15 - 8 =$

7) $12 - 5 =$

8) $15 - 9 =$

9) $11 - 9 =$

10) $18 - 9 =$

11) $13 - 7 =$

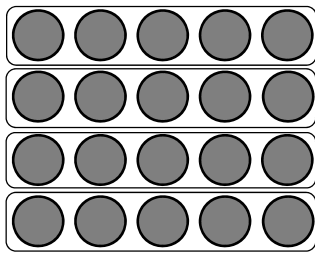
12) $12 - 7 =$

13) $14 - 9 =$

14) $11 - 7 =$

15) $13 - 8 =$

Chisanzo:



$$4 \times 5 = 20$$

Mochitila/Vokonka:

① Circolinga ma gulu yama dot ya same.

Pali apa magulu yali 4 yama 5

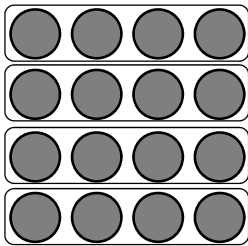
② Lemba masamu.

$$4 \times 5 = 20$$

[Chizibiso/Zindikira] Osa yangana ma dot muma line
yo choka pamwamba kubwela pansi. Osa yangana ma
dot muma line yo choka pamwamba kubwela pansi.

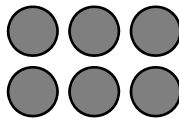
Lemba masamu.

(1)



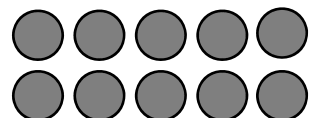
$$4 \times 4 = 16$$

(2)



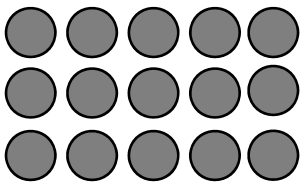
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

(3)



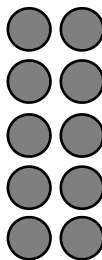
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

(4)



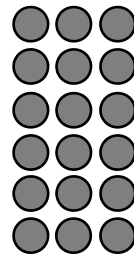
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

(5)



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

(6)



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

Drawinga ma marble kulangisa masamu aya.

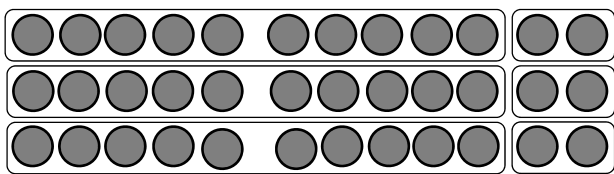
(1)

$$4 \times 2 =$$

(2)

$$3 \times 4 =$$

Chisanzo:



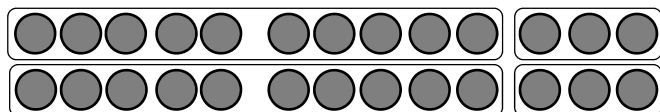
$$\underline{12} \times \underline{3} = \underline{36}$$

Mochitila/Vokonka:

- ① Circolinga magulu yama dot ya same, kuganizila ma place value (ma tens nama ones)
- ② Lemba masamu: "ma gulu yatatu yama 2 ni 6" elo na "magulu yatatu yama 10 ni 30. Pamodzi 36, ansa ni 36.

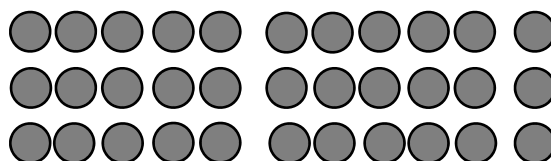
Lemba masamu.

(1)



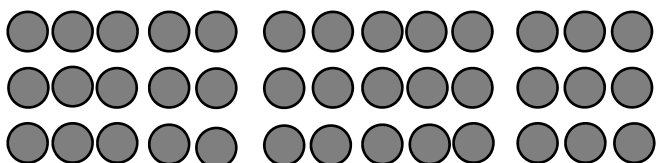
$$\underline{13} \times \underline{2} = \underline{26}$$

(2)



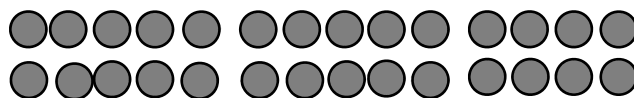
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

(3)



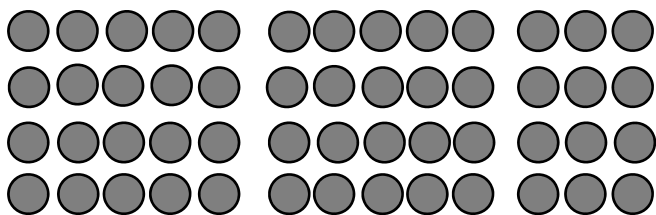
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

(4)



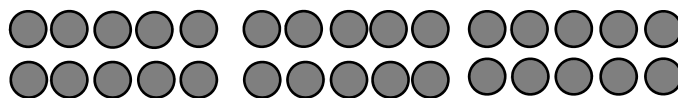
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

(5)



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

(6)



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

Drawinga tupendelo kulangiza ma nsamu aya.

(1) $14 \times 2 =$

(2) $12 \times 2 =$

Chisanzo:



$$12 \div 2 = 6$$

Mochitila/Vokonka:

- ① Lemba masamu
- ② Ma dot yali 12 niyogabanisiwa muma gulu yabili elo group imozi ili na ma dot yali 6.
Mwaicho, $12 \div 2 = 6$

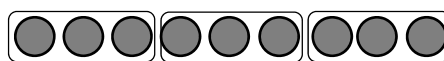
Lemba masamu.

(1)



$$10 \div 2 = 5$$

(2)



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

(3)



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

(4)



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

(5)



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

(6)



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

Drawinga tupendelo kulangiza masamu aya.

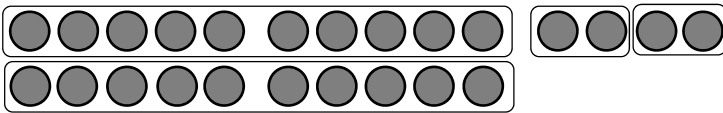
(1)

$$8 \div 2 =$$

(2)

$$10 \div 5 =$$

Chisanzo:



$$20 \div 2 = 10$$

$$4 \div 2 = 2$$

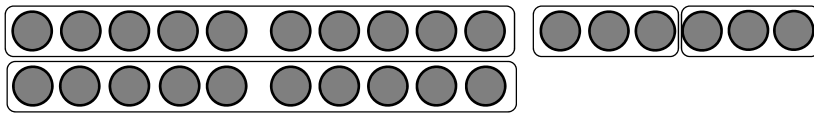
$$24 \div 2 = 12$$

Mochitilia/ Vokonka:

- ① Lemba ma nsamu, elo yapeze kuganizila ma place values(ma tens nama ones).
 - ② Ma dot yali 24 niyogabanisiwa muma gulu yabili.
 - peza ma tens: $20/2=10$
 - peza ma ones $4/2=2$
- Mwaicho,ansa ni 12.

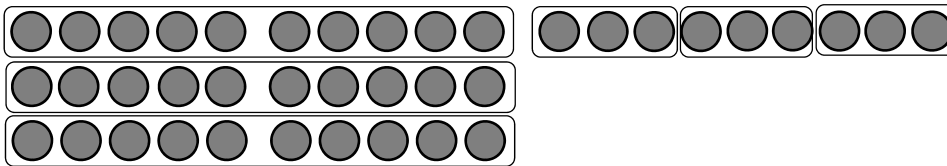
Lemba masamu.

(1)



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

(2)



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

Drawinga tupendelo kulangiza masamu aya.

$$28 \div 2 =$$