

Complementary Basic Education Primers (CBE)
for the Cocoa Growing Communities in Ghana

The box contains three mathematical activities:

- Number Sequence:** A sequence of colored circles with numbers: 26 (blue), 27 (red), a blank circle, 29 (green), a blank circle, and 32 (pink). Above the blank circles are two white circles with horizontal lines, suggesting a pattern to be identified.
- Dot Subtraction:** A green circle with 5 dots, followed by a minus sign, a yellow circle with 3 dots, an equals sign, and a blue circle with 2 dots. This illustrates the equation $5 - 3 = 2$.
- Number Line:** A number line from 0 to 12. A large curved arrow starts at 0 and ends at 8. Below the line, the equation $8 \div 2 = \square$ is written.



International Labour Organisation
Supported by: United States Department of Labor (USDOL)



GHANA EDUCATION SERVICE

SfL
School for Life

ASANTE TWI NUMERACY
BOOK 1

Complementary Basic Education Primers (CBE)
for the Cocoa Growing Communities in Ghana

ASANTE TWI NUMERACY BOOK 1



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Ghana Education Service

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The materials were adapted from School for Life and translated into five Ghanaian languages (Akuapem Twi, Asante Twi, Fante, Ewe and Dangme) for use in the cocoa growing communities in Ghana.

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Ɔfa 12. Sɔhwɛ. Adesua 1.

Fa nɔma biara a yeagya no hyehye mu.

$$34 \quad 35 \quad \square \quad 37 \quad \square$$

$$57 \quad 58 \quad \square \quad \square \quad 61$$

$$94 \quad \square \quad 96 \quad \square \quad \square$$

24		
	÷	4
13	+	
36	-	
8	x	

12		
6	+	
	÷	3
6	x	
	-	8

$$2 \quad 4 \quad \square \quad 8 \quad \square \quad \square \quad 14 \quad \square \quad 18 \quad \square$$

Keka $\frac{1}{4}$ mu.

ጋፍ 11. Ntimu. Adesua 1.

ገገግግ ጋፍ ለ ሃገገገገ ሙ ሙ.

EMU NSEM

Ti			Krataafa
ጋፍ 1. ስጋጠጠ 0 – 9	Adesua 1	-	1
ጋፍ 1. ስጋጠጠ 0 – 9	Adesua 2	-	2
ጋፍ 1. ስጋጠጠ 0 – 9	Adesua 2	-	3
ጋፍ 1. ስጋጠጠ 0 – 9	Adesua 3	-	4
ጋፍ 1. ስጋጠጠ 0 – 9	Adesua 3	-	5
ጋፍ 1. ስጋጠጠ 0 – 9	Adesua 4	-	6
ጋፍ 1. ስጋጠጠ 0 – 9	Adesua 4	-	7
ጋፍ 1. ስጋጠጠ 0 – 9	Adesua 5	-	8
ጋፍ 1. ስጋጠጠ 0 – 9	Adesua 5	-	9
ጋፍ 1. ስጋጠጠ 0 – 9	Adesua 6	-	10
ጋፍ 1. ስጋጠጠ 0 – 9	Adesua 7	-	11
ጋፍ 2. ስገገገገ ለገገገገ	Adesua 1	-	12
ጋፍ 2. ስገገገገ ለገገገገ	Adesua 2	-	13
ጋፍ 2. ስገገገገ ለገገገገ	Adesua 3	-	14
ጋፍ 2. ስገገገገ ለገገገገ	Adesua 4	-	15
ጋፍ 3. ስገገገገ ስገገገገ ስገገገገ ስገገገገ	Adesua 1	-	16
ጋፍ 3. ስገገገገ ስገገገገ ስገገገገ ስገገገገ	Adesua 2	-	17
ጋፍ 3. ስገገገገ ስገገገገ ስገገገገ ስገገገገ	Adesua 4	-	18
ጋፍ 3. ስገገገገ ስገገገገ ስገገገገ ስገገገገ	Adesua 5	-	19
ጋፍ 3. ስገገገገ ስገገገገ ስገገገገ ስገገገገ	Adesua 7	-	20
ጋፍ 3. ስገገገገ ስገገገገ ስገገገገ ስገገገገ	Adesua 10	-	21
ጋፍ 4. ስገገገገ ለገገገገ	Adesua 1	-	22
ጋፍ 4. ስገገገገ ለገገገገ	Adesua 2 ne 3	-	23
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Ɔfa 6. Ɔso sen anaa Esua sen Adesua 1	-	-	31
Ɔfa 6. Ɔso sen anaa Esua sen Adesua 3 ne 4	-	-	32
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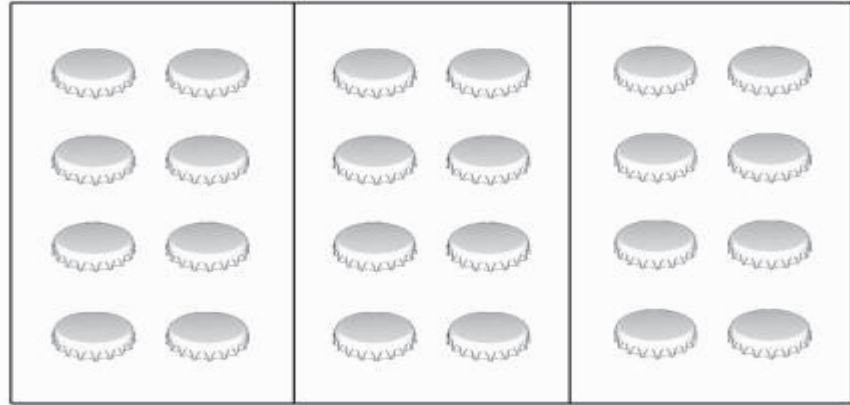
Ɔfa 1i. Ntimu. Adesua 1

Fa ahy3nsode4 yi hyehye mmnaεε a eye no ano,

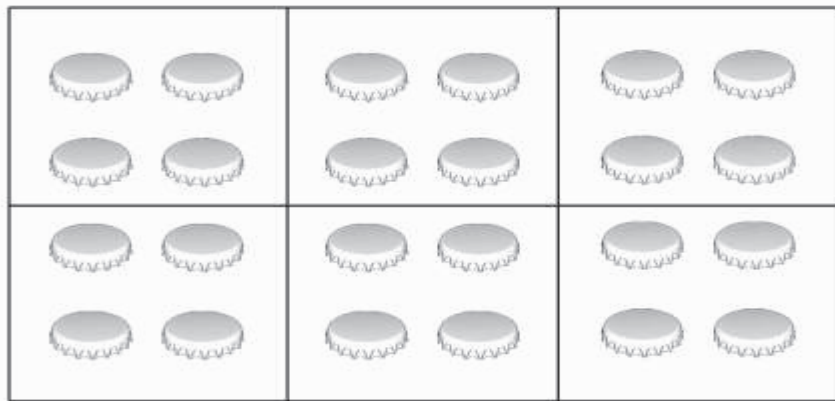
$2 \times 5 = 8$	$20 \div 5 = 10$
$4 \times 3 = 12$	$18 \div 3 = 4$
$8 \times 1 = 10$	$20 \div 2 = 5$
$3 \times 2 = 15$	$25 \div 5 = 6$
$6 \times 5 = 30$	$6 \div 3 = 8$
$5 \times 3 = 6$	$24 \div 3 = 2$

Ɔfa 10. Afafa Adesua 3.

24 mu $\frac{1}{3}$ ye 8.



$\frac{2}{3}$ ye Kaontese dodoɔ sen?



Kaontese dodoɔ sen na eyɛ:

$$\frac{1}{6} = \square$$

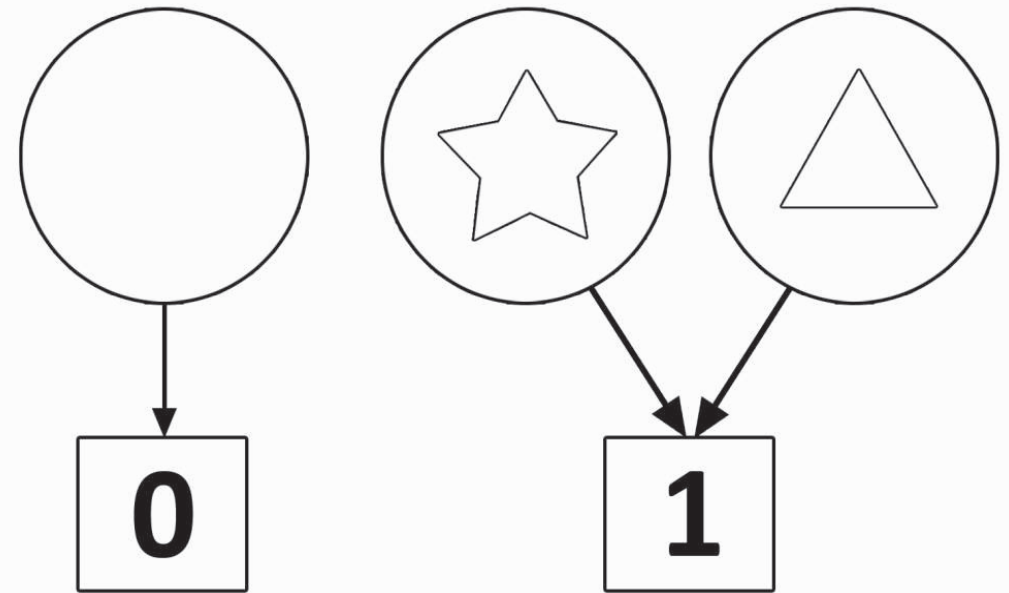
$$\frac{2}{6} = \square$$

$$\frac{3}{6} = \square$$

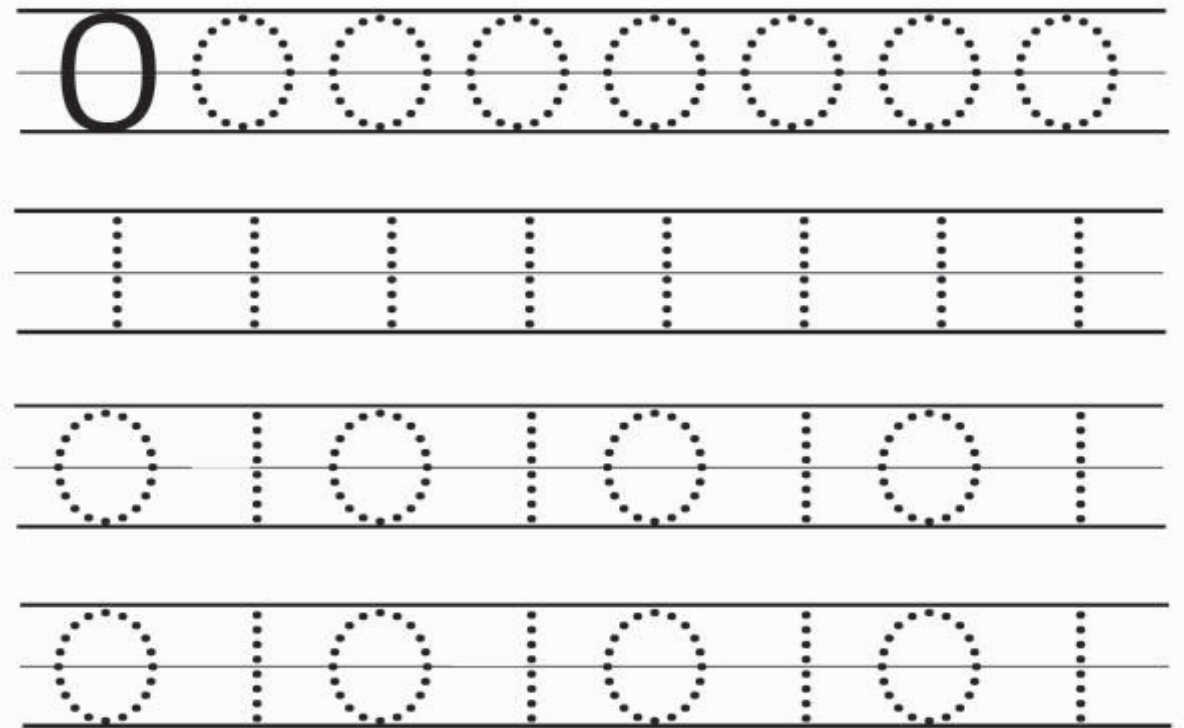
$$\frac{4}{6} = \square$$

Ɔfa 1. Nɔma 0 – 9. Adesua 1.

Nnoɔma dodoɔ sen na ewɔ kanko yi biara mu?

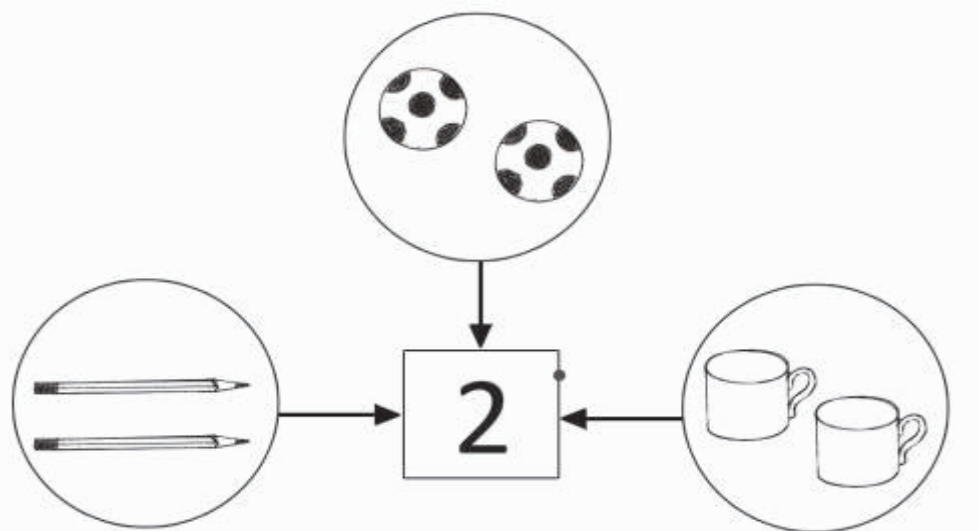


Fa pensere fa nɔma yi biara mu.

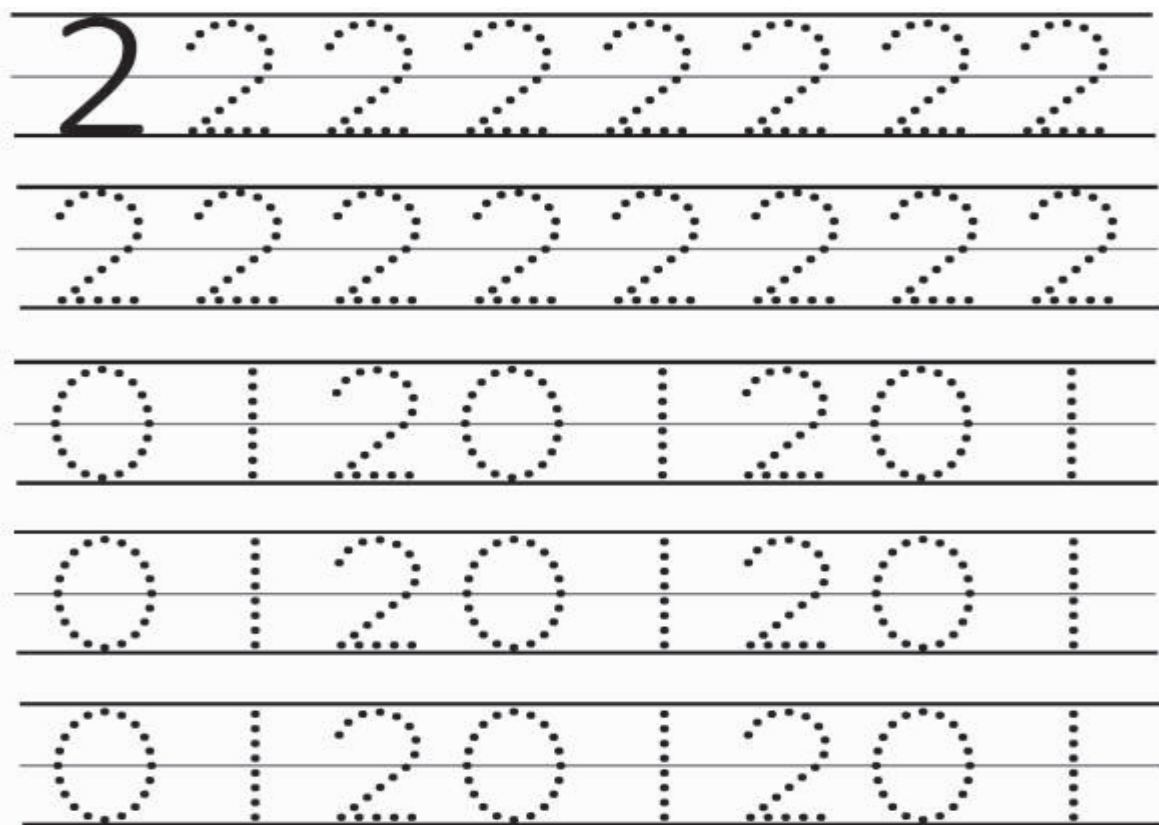


Ɔfa 1. Nɔma 0 – 9. Adesua 2.

Nnɔma dodɔɔ sɛn na ɛwɔ kanko yi biara mu?



Fa pensere fa nɔma yi biara mu.

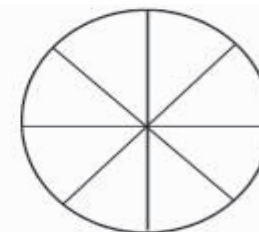


Ɔfa 10. Afafa. Adesua 2.

Keka afafa no mu.

Keka

$\frac{1}{8}$



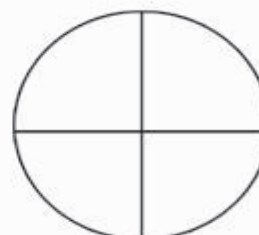
Keka

$\frac{3}{8}$



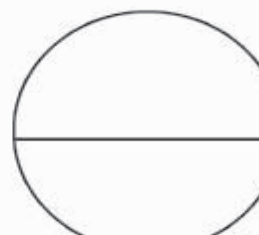
Keka

$\frac{1}{4}$

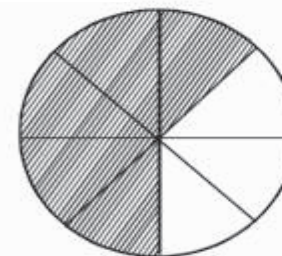


Keka

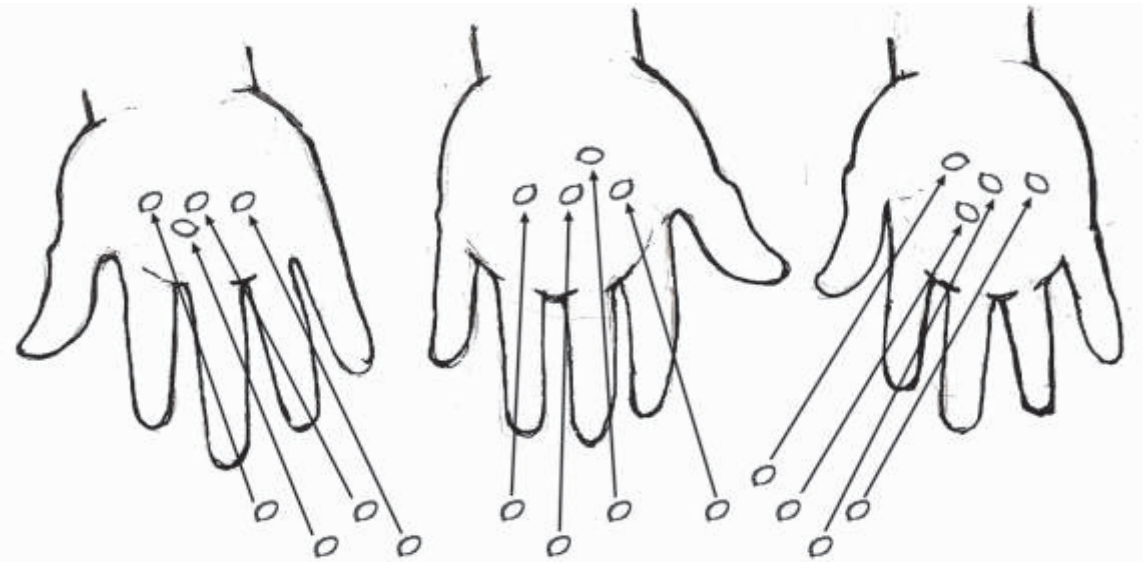
$\frac{1}{2}$



Twere ɔfa a yɛakeka mu no.



Kenkan akasamu no. Dɔ mfonɩ anaase fa wo kaontese hwehwe mmuaee no. Twere noma biara a yagya no.



Adesuafoɔ 4 kyɛ aba 12

$$12 \div 4 = 3$$

Adesuafoɔ 2 kyɛ pensere 16

$$16 \div \square = \square$$

Adesuafoɔ 5 kyɛ nwoma 15

$$\square \div \square = \square$$

Adesuafoɔ 2 kyɛ twako 10

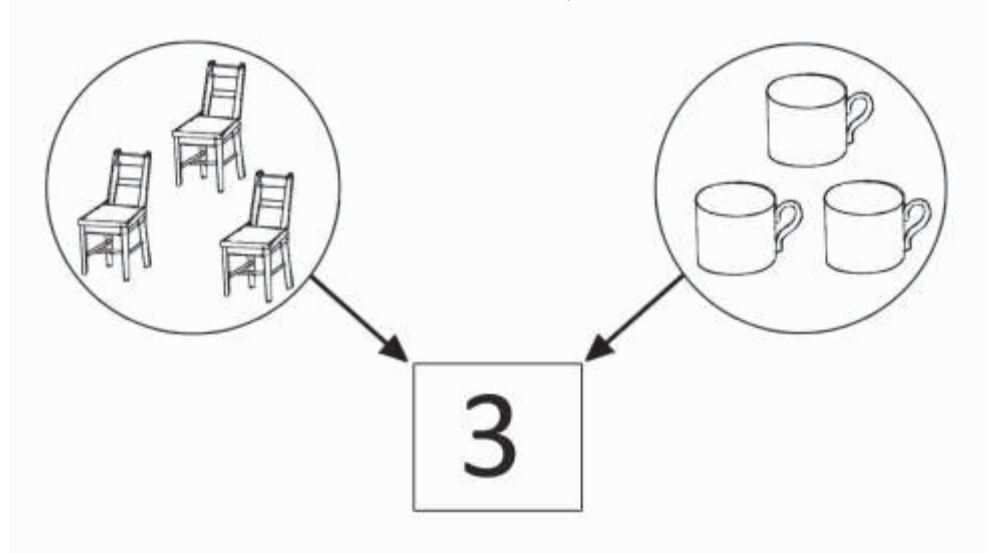
$$\square \div \square = \square$$

Adesuafoɔ 3 kyɛ ntoa tire 12

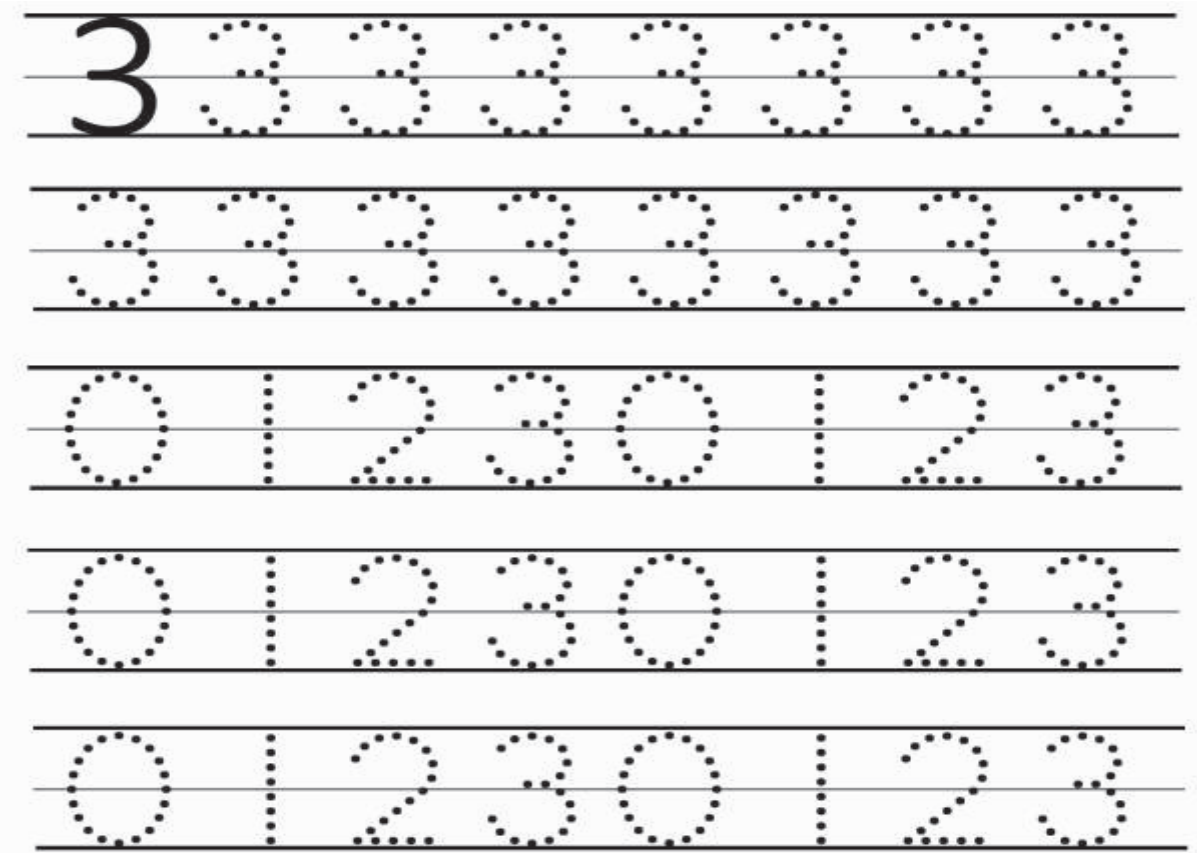
$$\square \div \square = \square$$

ɔfa 1. Noma 0 – 9. Adesua 2.

Nnoma dodoɔ sen na ewo kanko yi biara mu?

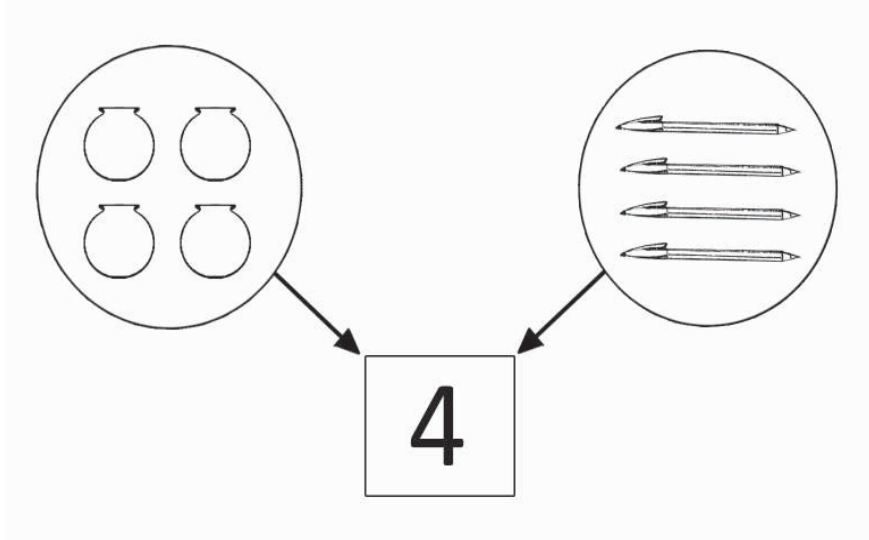


Fa pensere fa noma yi biara mu.

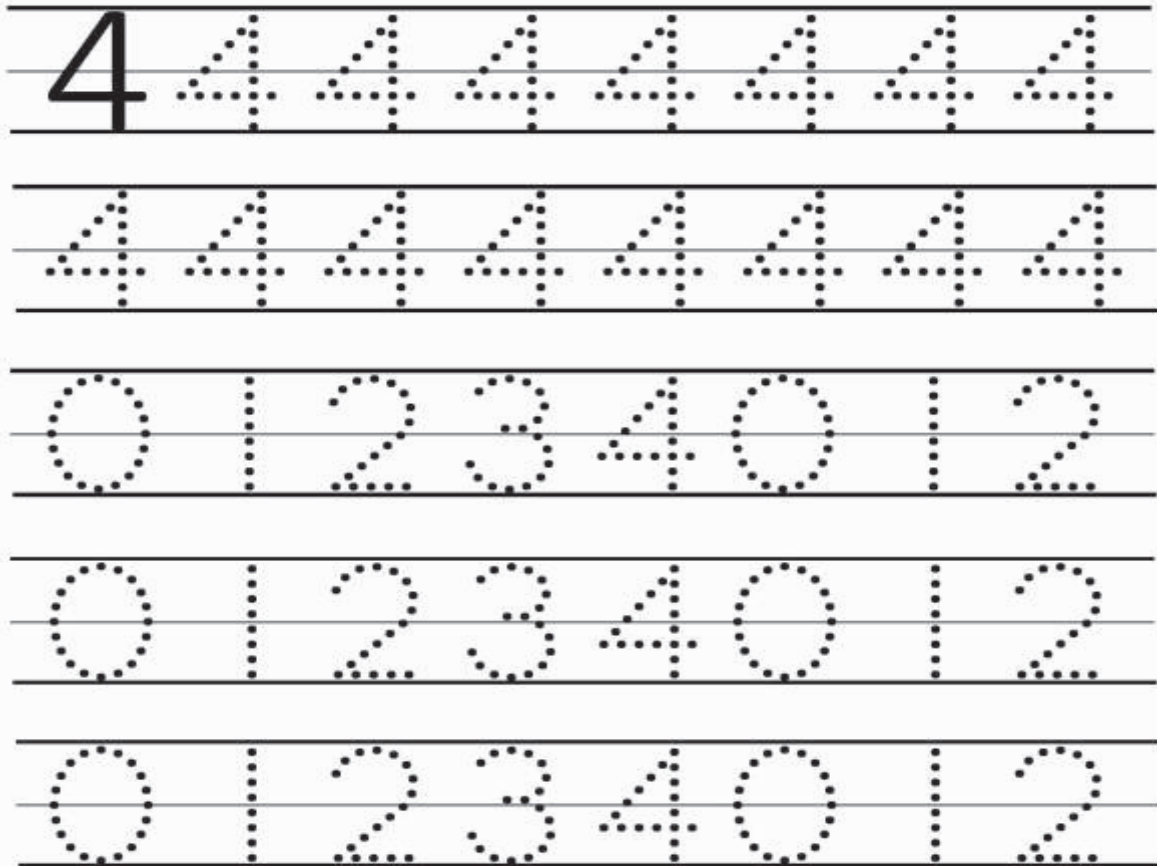


Ɔfa 1. Nɔma 0 – 9. Adesua 3.

Nnɔma dodoɔ sen na ewɔ kanko yi biara mu?



Fa pensere fa nɔma yi biara mu.



Ɔa 9. Nkyekyemu Adesua 7.

Fa wo kaontɛse hwehwe mmuaɛɛ no.

$12 \div 2 = \square$

$16 \div 2 = \square$

$8 \div 2 = \square$

$15 \div 3 = \square$

$15 \div 5 = \square$

$20 \div 5 = \square$

$9 \div 3 = \square$

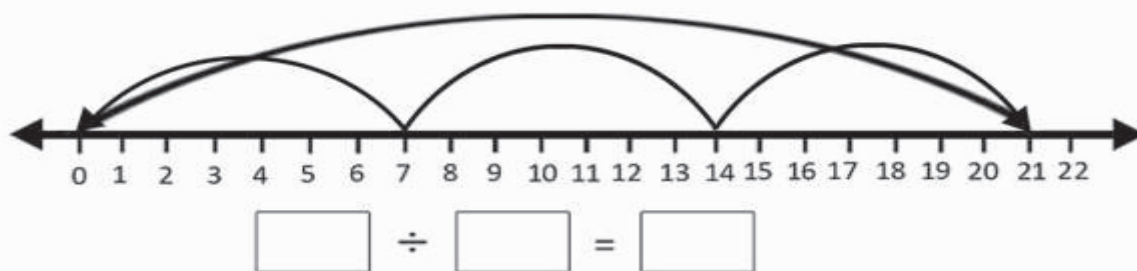
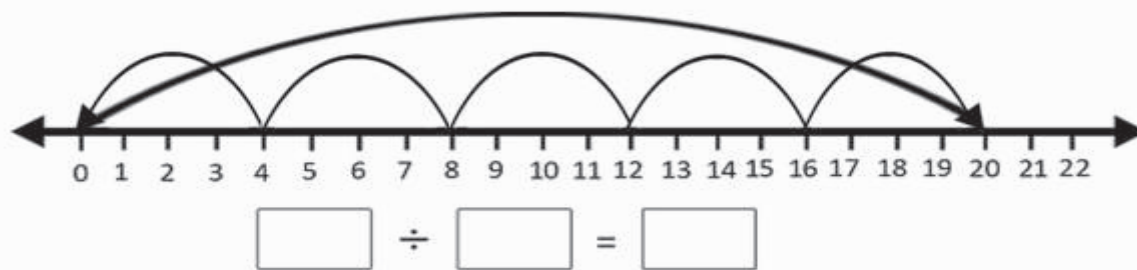
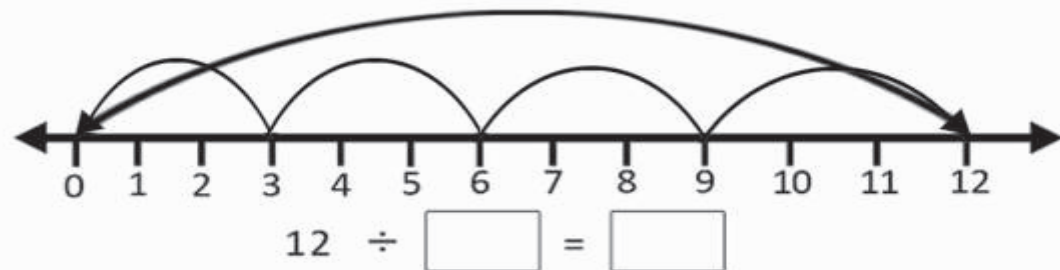
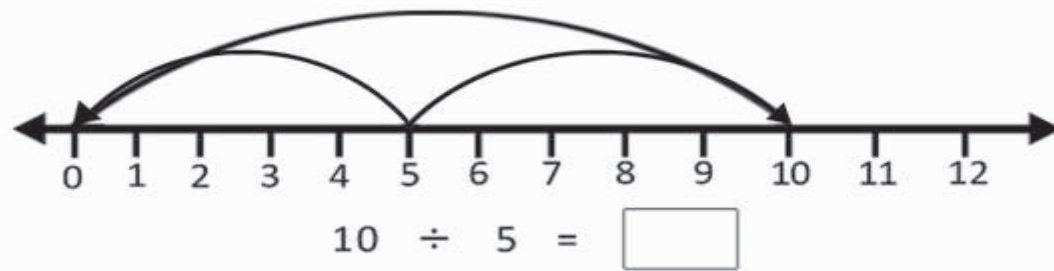
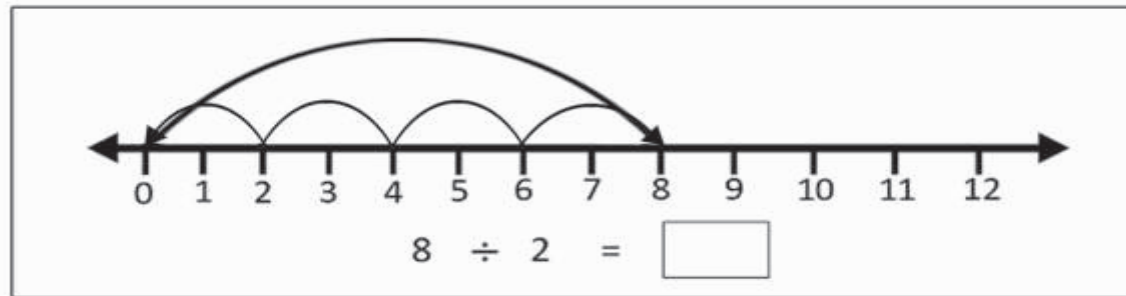
$18 \div 3 = \square$

$8 \div 4 = \square$

$12 \div 4 = \square$

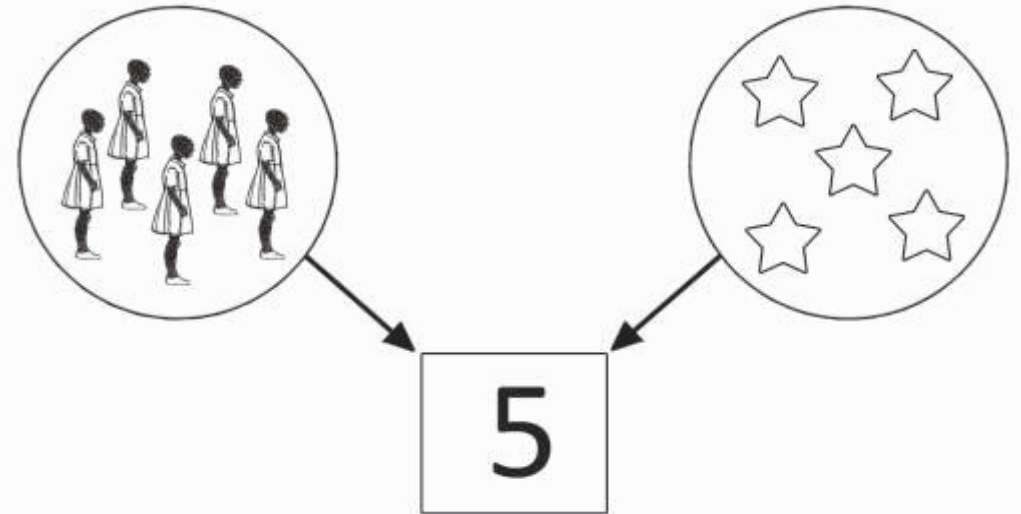
Ɔfa 9. Nkyekyemu. Adesua 6.

Fa noma a yagya no hyehye mu.



Ɔfa 1. Noma 0 – 9. Adesua 3.

Nnoma dodoɔ sen na ewɔ kanko yi biara mu?



Fa pensere fa noma yi biara mu.

5 5 5 5 5 5 5

5 5 5 5 5 5 5

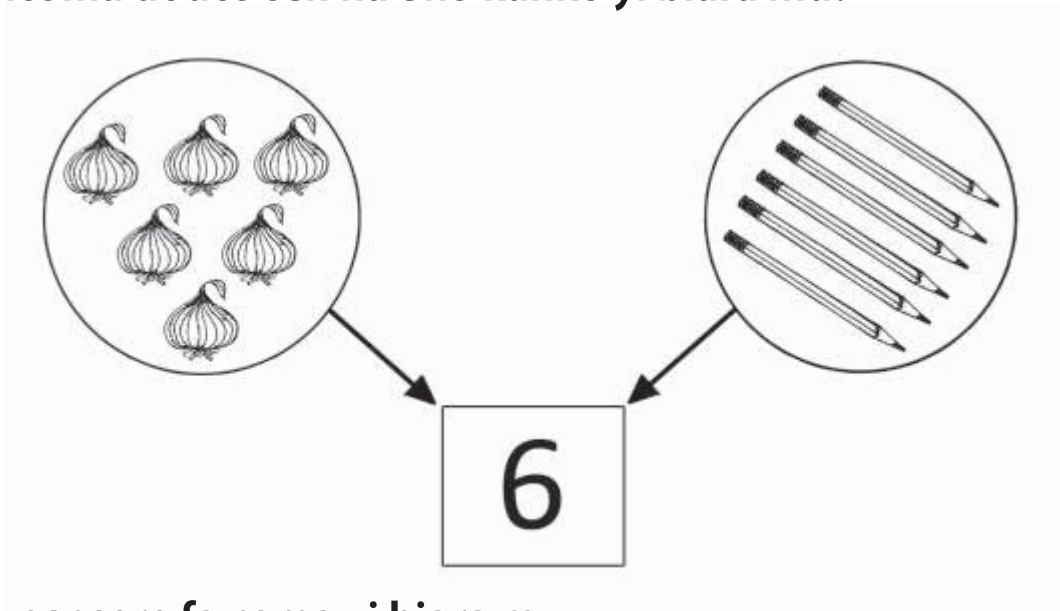
0 1 2 3 4 5 0 1

0 1 2 3 4 5 0 1

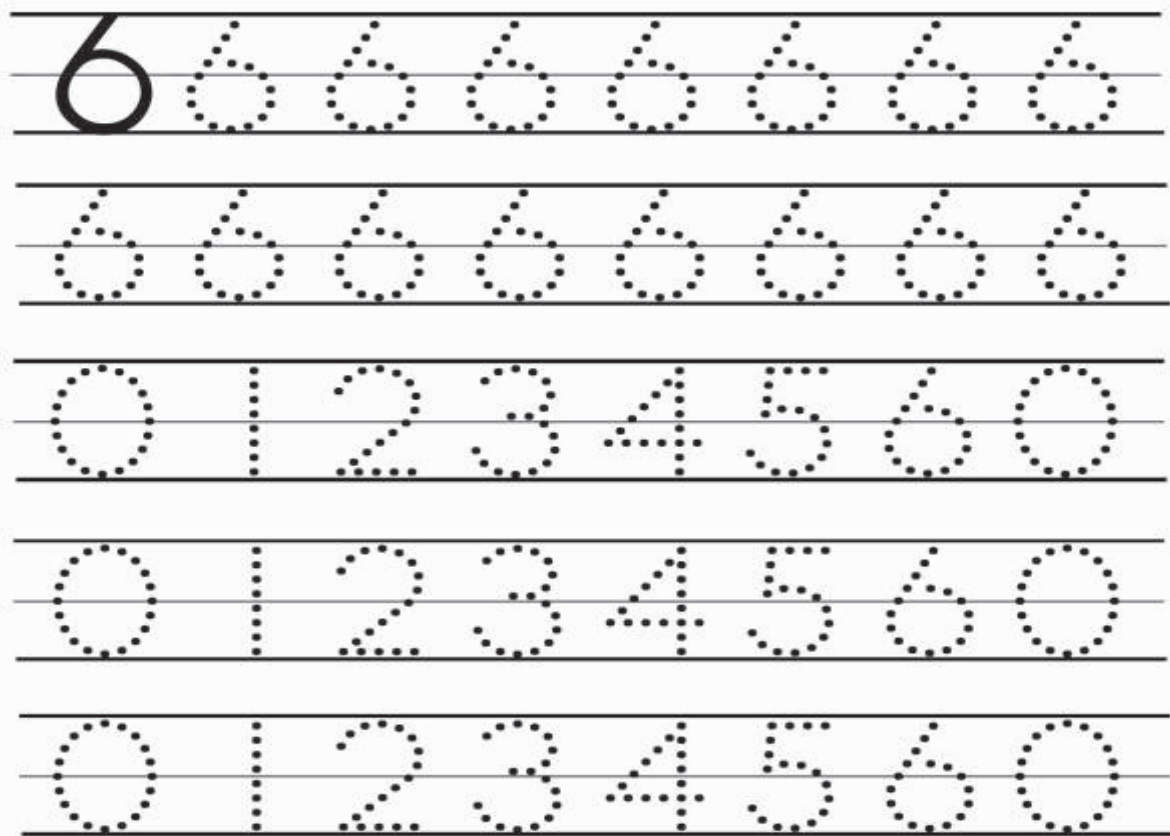
0 1 2 3 4 5 0 1

Շֆա 1. Ուժա 0 – 9. Adesua 4.

Ոոժա dodoճ sԵՆ na ԵԾճ kanko yi biara mu?

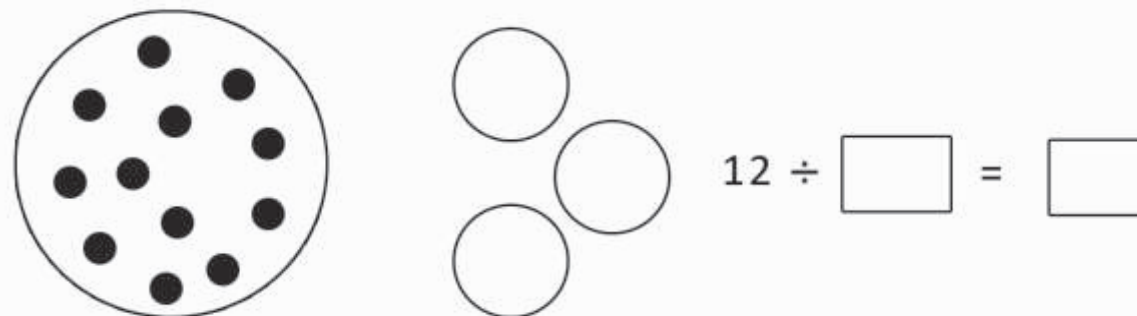
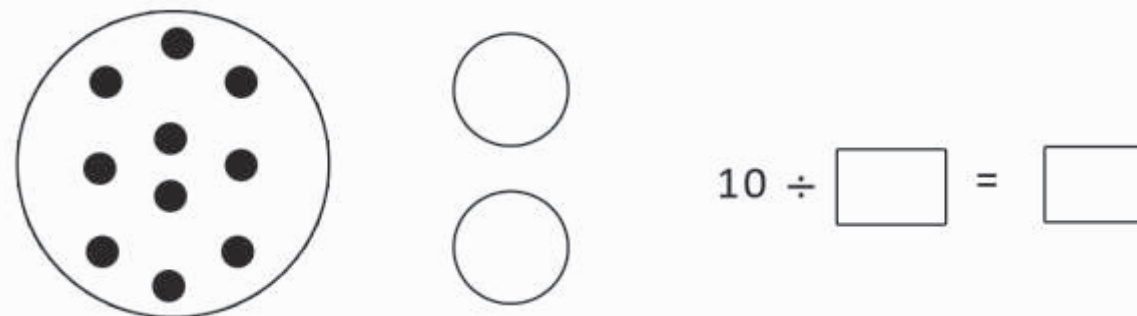
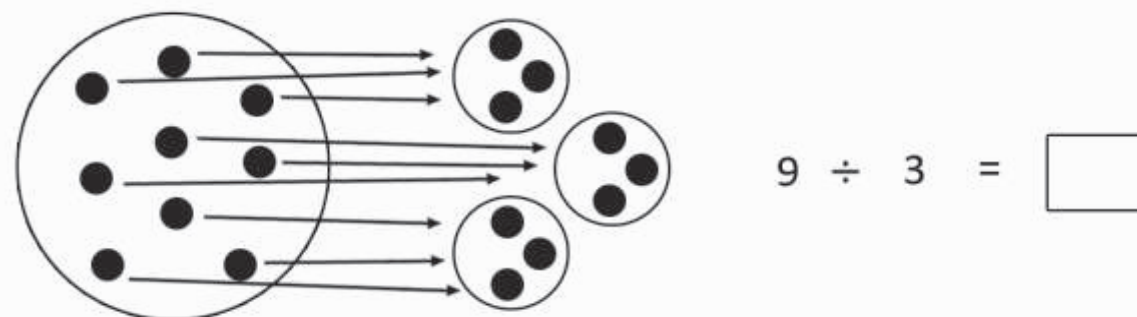
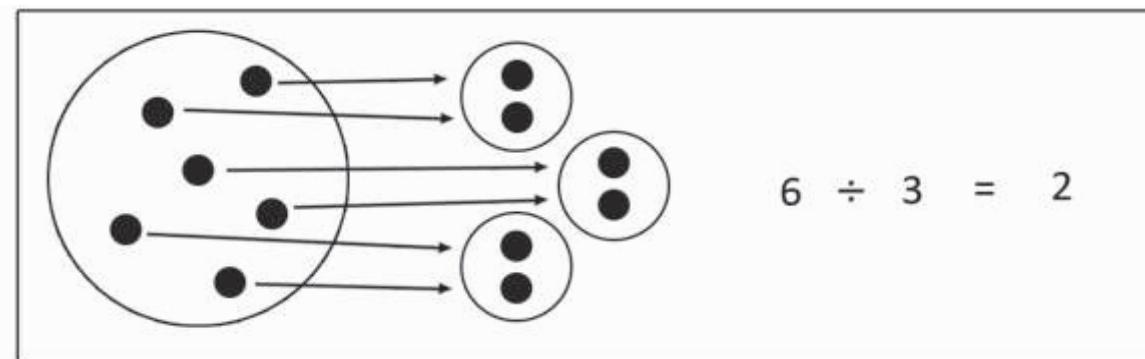


Fa pensere fa ուժա yi biara mu.



Շֆա 9. Ոկեկեմս. Adesua 3.

Մե հիեհիԵԵԵ yi.



Ɔfa 8. Ahoroye. Adesua 8.

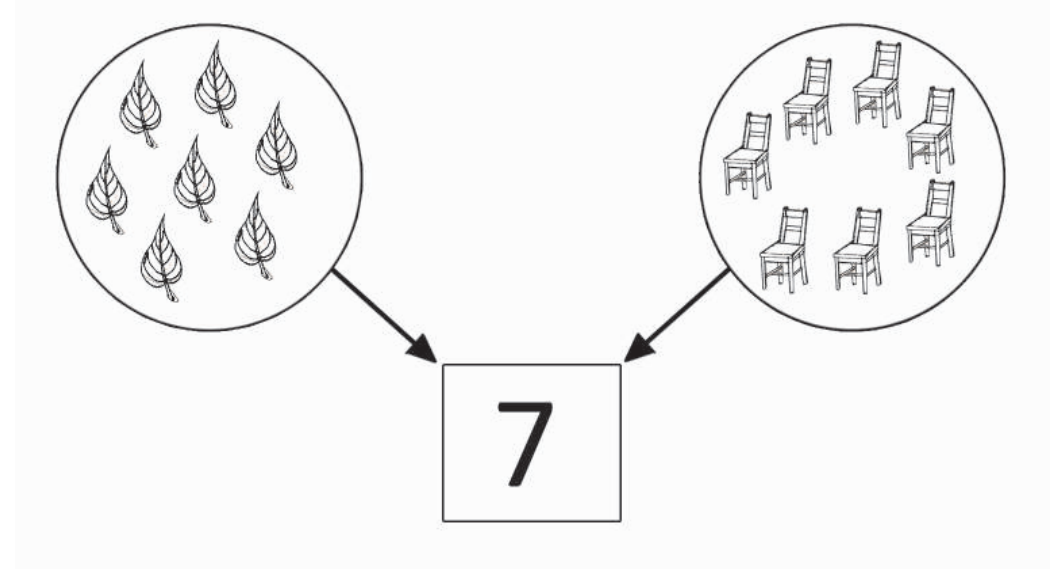
Hwehwe ahoroye kuo no. Sensan 2 ahoroye kuo no mu.

Fa sekre twa 5 ahoroye kuo no ho. Keka 10 ahoroye kuo no mu.

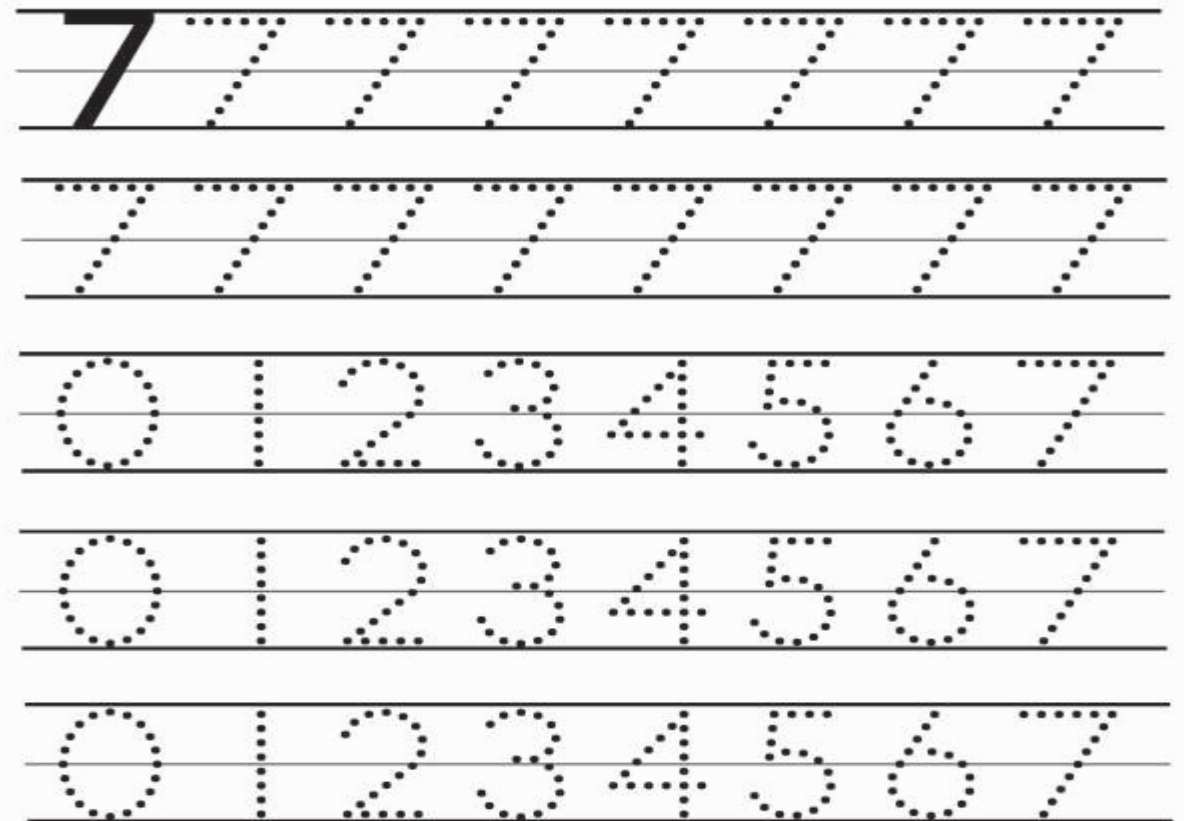
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Ɔfa 1. Nɔma 0 – 9. Adesua 4.

Nnoɔma dodoɔ sen na ewɔ kanko yi biara mu?

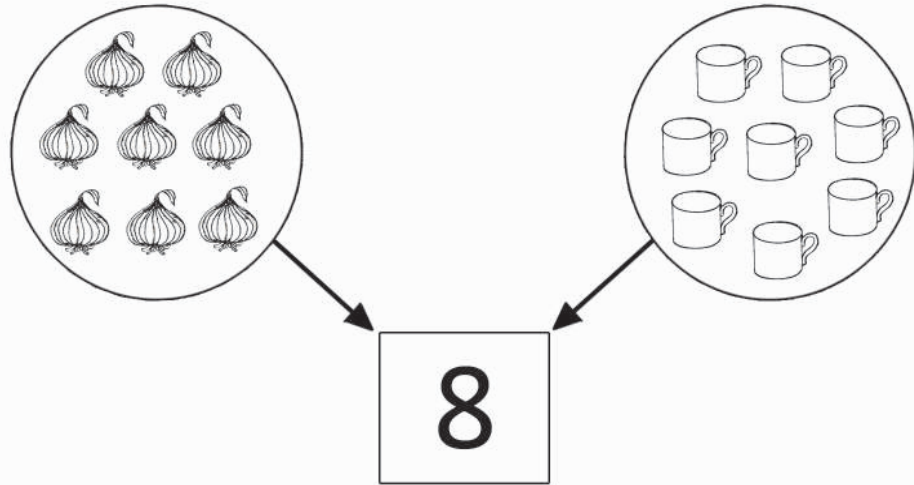


Fa pensere fa nɔma yi biara mu.

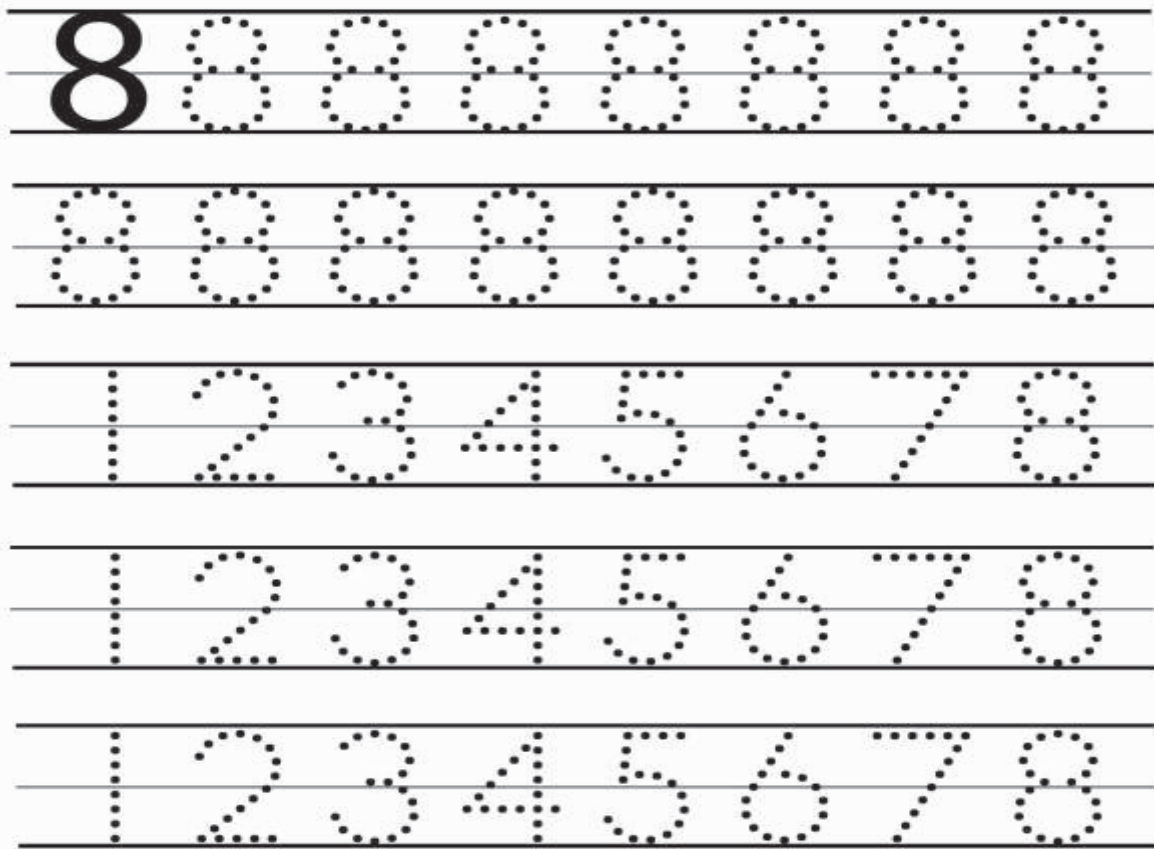


Ɔfa 1. Nɔma 0 – 9. Adesua 5.

Nnɔma dodɔɔ sɛn na ɛwɔ kanko yi biara mu?

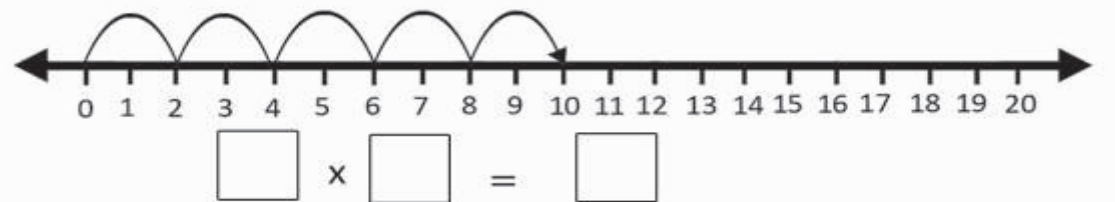
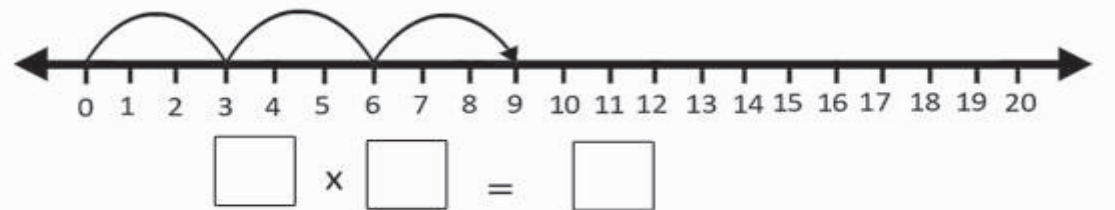
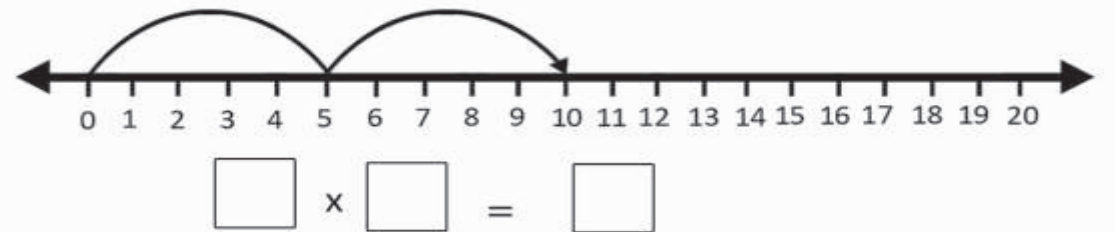
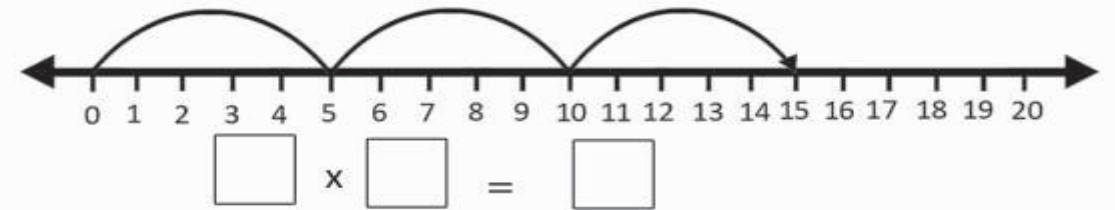
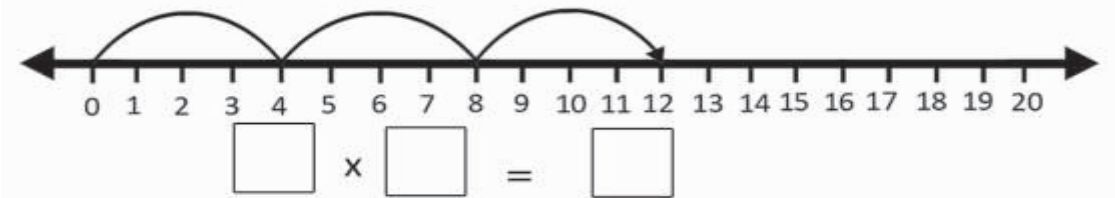
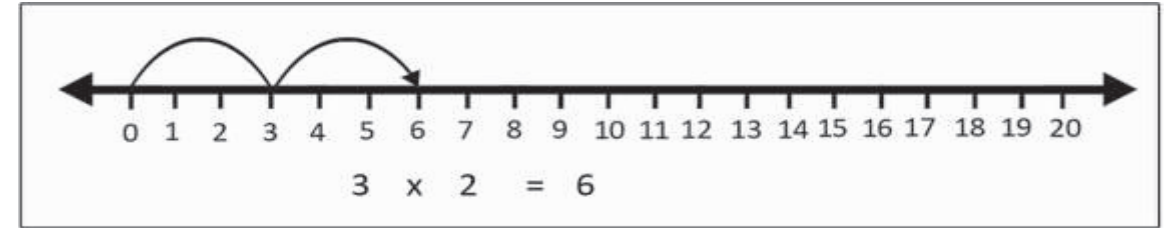


Fa pensere fa nɔma yi biara mu.



Ɔfa 8. Ahoroyɛ. Adesua 4.

Yɔ nɔma laɛn no so ahurihurɛ no.



Ɔfa 8. Ahoroye. Adesua 2.

Dro akuo no. Twere mmuaee no.

$$3 \times 2 \Rightarrow \text{3 circles with 2 dots each} + \text{3 circles with 2 dots each} \Rightarrow \text{6 circles with 2 dots each} = 6$$

$$5 \times 3 \Rightarrow \text{5 empty circles} + \text{3 empty circles} \Rightarrow \text{8 empty circles} = \square$$

$$4 \times 2 \Rightarrow \text{4 empty circles} + \text{2 empty circles} \Rightarrow \text{6 empty circles} = \square$$

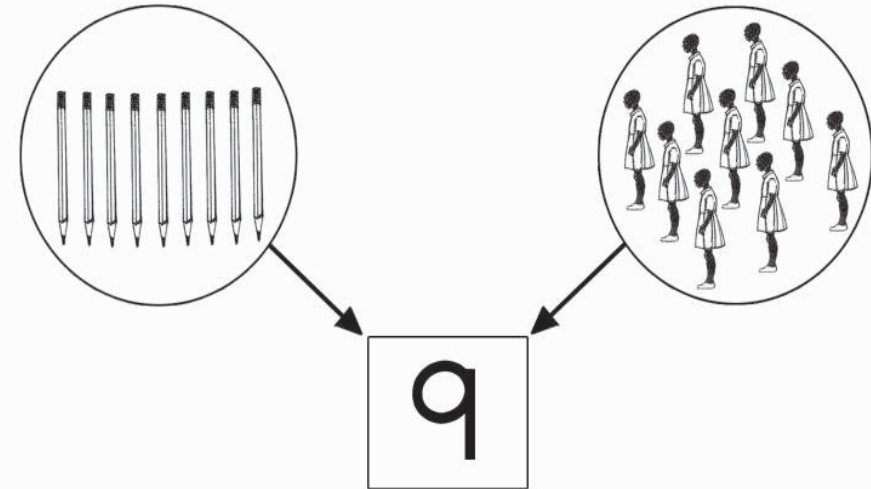
$$3 \times 3 \Rightarrow \text{3 empty circles} + \text{3 empty circles} + \text{3 empty circles} \Rightarrow \text{9 empty circles} = \square$$

$$1 \times 4 \Rightarrow \text{1 empty circle} + \text{4 empty circles} + \text{4 empty circles} + \text{4 empty circles} \Rightarrow \text{13 empty circles} = \square$$

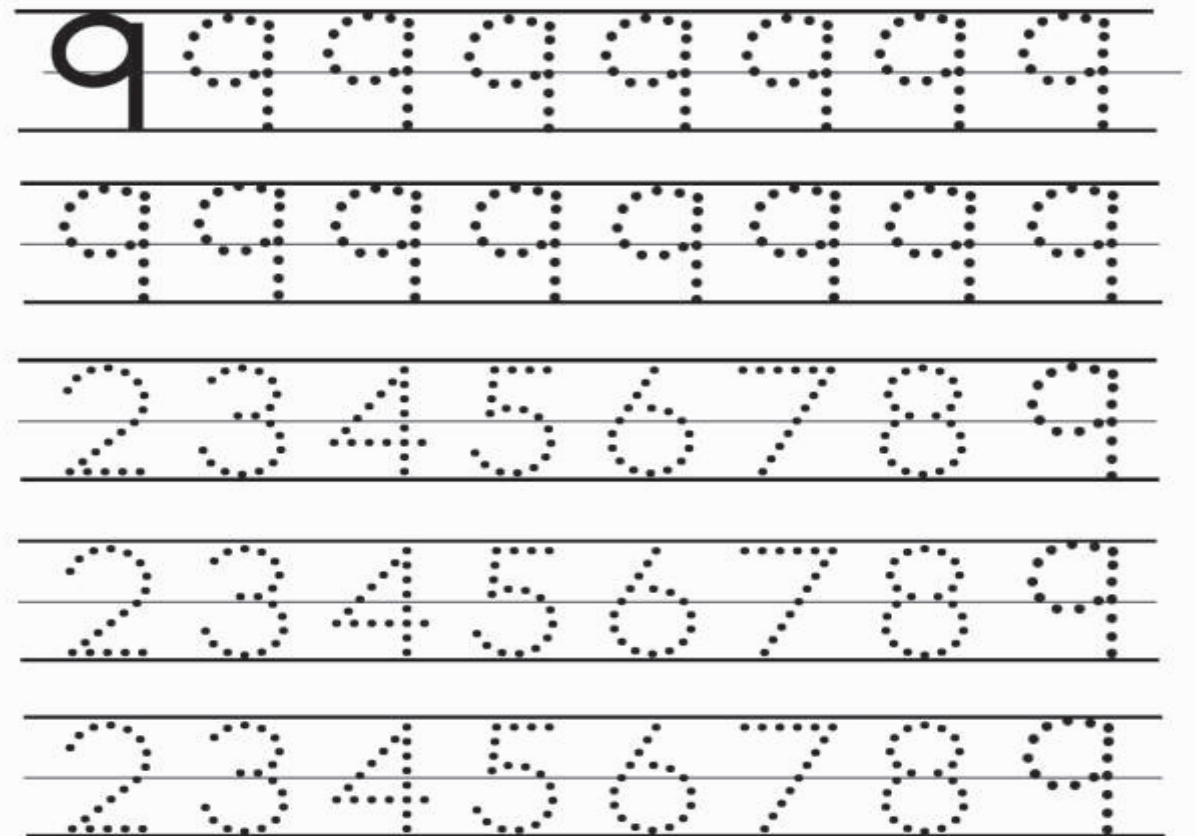
$$5 \times 2 \Rightarrow \text{5 empty circles} + \text{2 empty circles} \Rightarrow \text{7 empty circles} = \square$$

Ɔfa 1. Nɔma 0 – 9. Adesua 5

Nnɔma dodoɔ sen na ewɔ kanko yi biara mu?

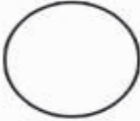
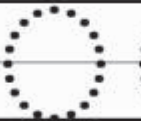
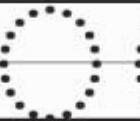
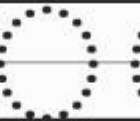
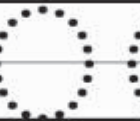
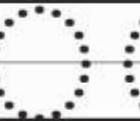







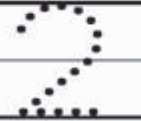


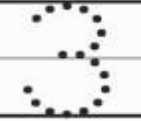





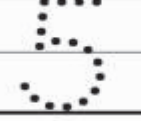


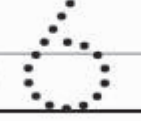
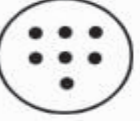
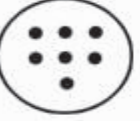
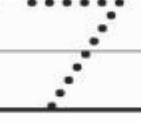


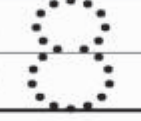





Fa pensere fa nɔma yi biara mu.



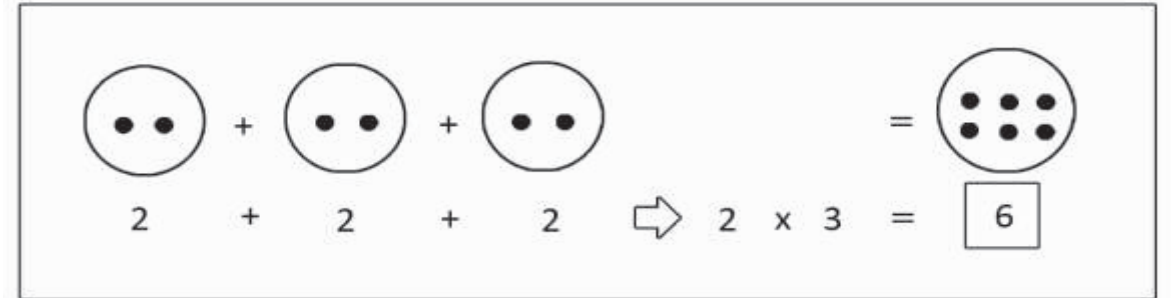
Ɔfa 1. Nɔma 0 – 9, Adesua 6.

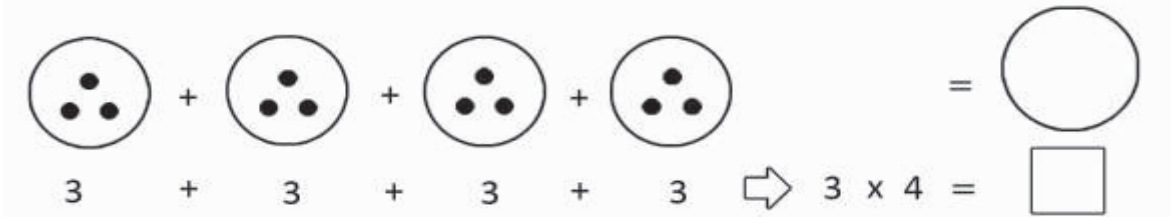
Fa pensere fa nɔma yi biara mu na twerɛ emu biara

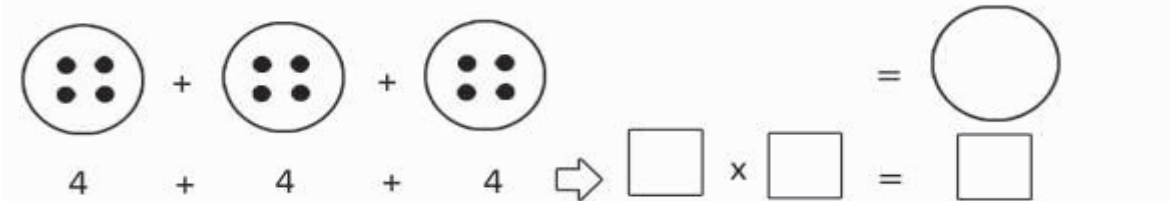
	0     
	1    
	2  
	3  
	4  
	5  
	6  
	7  
	8  
	9  

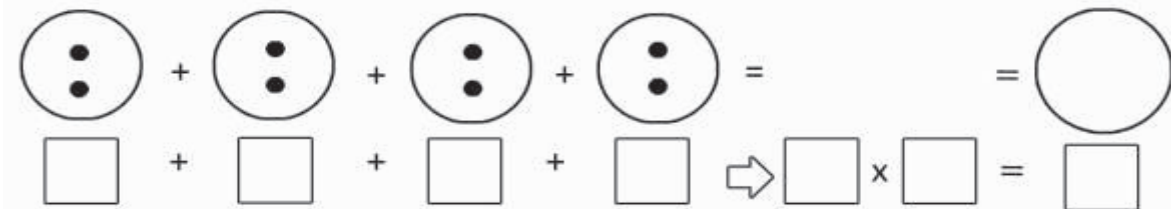
Ɔfa 8. Ahoroyɛ. Adesua 1.

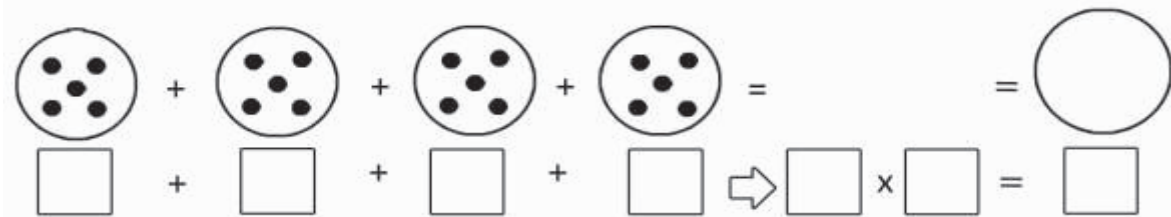
Wie nhyehyɛɛ yi.



$$2 + 2 + 2 \Rightarrow 2 \times 3 = 6$$


$$3 + 3 + 3 + 3 \Rightarrow 3 \times 4 = []$$


$$4 + 4 + 4 \Rightarrow [] \times [] = []$$


$$[] + [] + [] + [] \Rightarrow [] \times [] = []$$


$$[] + [] + [] + [] \Rightarrow [] \times [] = []$$

Ɔfa 7. Ntimu. Adesua 2.

Aane anaa Daabi? San Aane anaa Daabi

43 > 35
 Aane Daabi

52 < 28
 Aane Daabi

75 > 99
 Aane Daabi

16 > 64
 Aane Daabi

Yɛ dwumadie no na san Aane anaa Daabi.

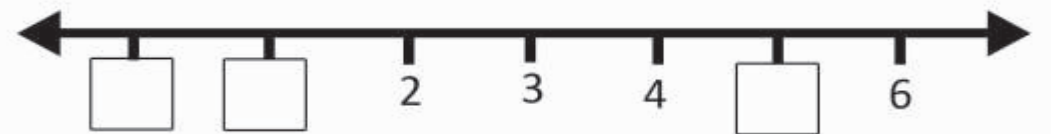
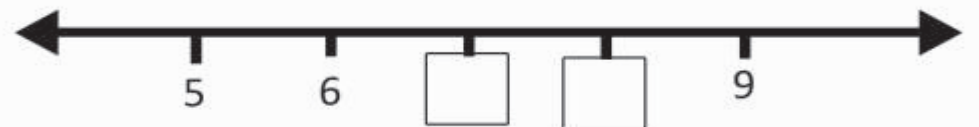
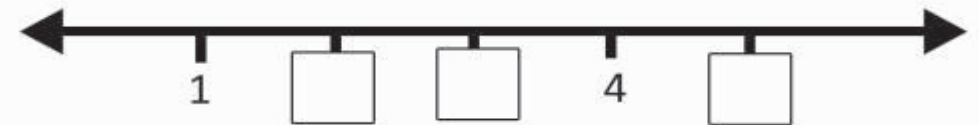
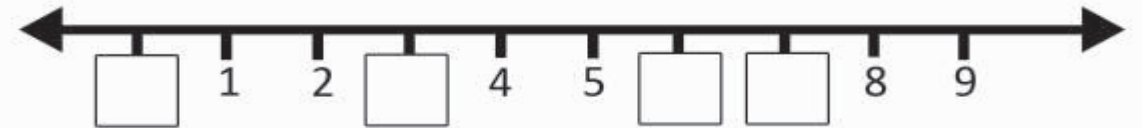
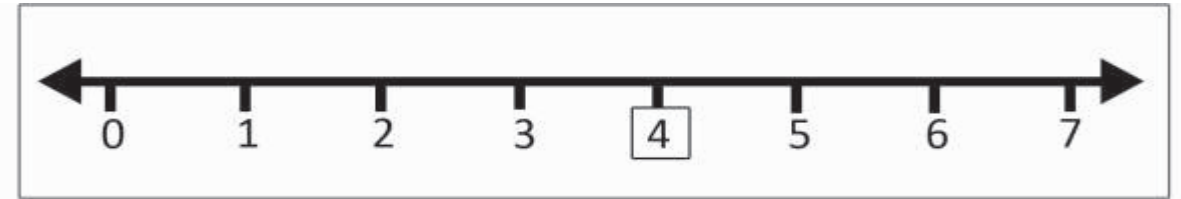
12 + 3 > 24 + 5 ➡ 15 > 29
 Aane Daabi

36 + 3 > 53 + 4 ➡ >
 Aane Daabi

47 - 5 > 35 - 12 ➡ >
 Aane Daabi

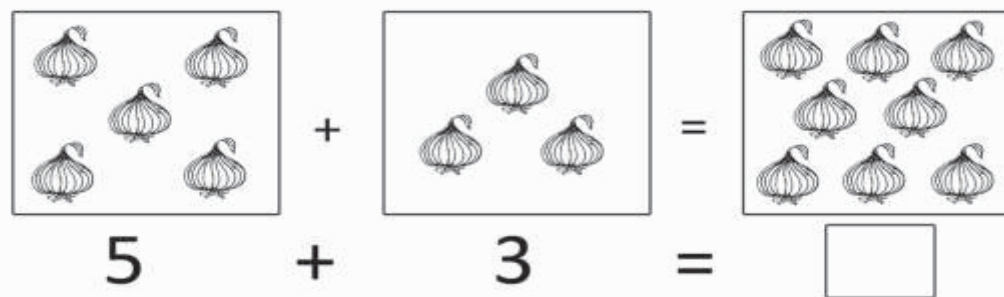
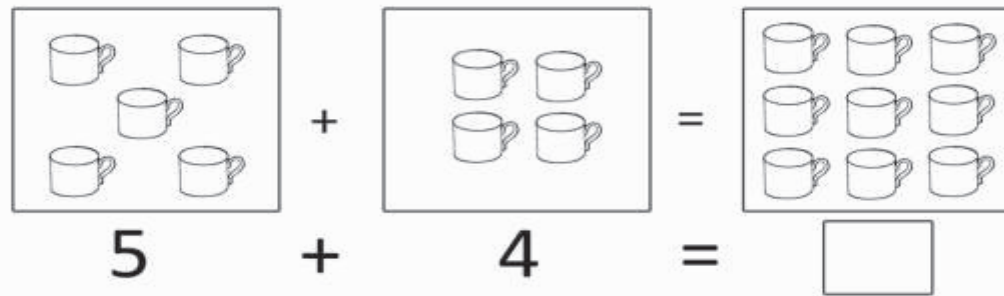
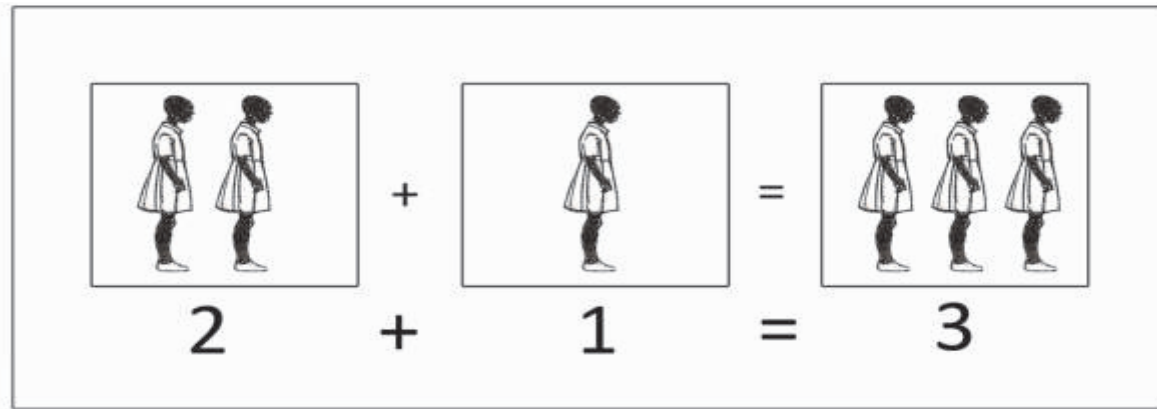
Ɔfa 1. Nɔma 0 – 9. Adesua 7.

Fa nɔma a yɛagya no biara hyehye mu.



Ɔfa 2. Nkekaho. Adesua 1.

Nnoma dodoƆ sen na εwƆ nnaka mmiesaa yi biara mu?



Ɔfa 7. Ntimu. Adesua 1.

Twere nnoma biara a yeagya no.

$$\begin{array}{r} 42 \\ + \square \\ \hline 64 \end{array}$$

$$\begin{array}{r} 63 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ + \square \\ \hline 57 \end{array}$$

$$\begin{array}{r} 75 \\ - \square \\ \hline 42 \end{array}$$

$$\begin{array}{r} \square \\ + 15 \\ \hline 38 \end{array}$$

$$\begin{array}{r} 57 \\ - 43 \\ \hline \end{array}$$

Ma mmuaee no.

SukuufoƆ 20 wƆ klas 1 na sukuufoƆ 25 wƆ klas 2. SukuufoƆ no dodoƆ nyinaa ye sen?

	Du du	Mmaako mmaako
+		

Mede bayere 37 kƆƆ dwa so. MetƆn 15. Aka bayere no dodoƆ sen?

	Du du	Mmaako mmaako
+		

Ɔfa 6. Eso sen anaa esua sen. Adesua 3 ne 4.

Ma mmuaee no. Fa > anaa < kyere mu biara.

Ɔfa 1

$$\begin{array}{ccc} 1 + 5 & < & 2 + 6 \\ \boxed{6} & & \boxed{8} \end{array}$$

$$\begin{array}{ccc} 8 - 2 & \boxed{} & 7 - 3 \\ \boxed{} & & \boxed{} \end{array}$$

$$\begin{array}{ccc} 3 + 4 & \boxed{} & 2 + 2 \\ \boxed{} & & \boxed{} \end{array}$$

$$\begin{array}{ccc} 9 - 5 & \boxed{} & 5 - 3 \\ \boxed{} & & \boxed{} \end{array}$$

Ɔfa 2

$$\begin{array}{r} 36 \\ + 22 \\ \hline 58 \end{array} < \begin{array}{r} 40 \\ + 25 \\ \hline 65 \end{array}$$

$$\begin{array}{r} 25 \\ - 15 \\ \hline \end{array} \quad \begin{array}{r} 48 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ + 25 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ - 12 \\ \hline \end{array} \quad \begin{array}{r} 26 \\ - 15 \\ \hline \end{array}$$

Ɔfa 2. Nkekaho. Adesua 2.

Ɖɔɔto dodoɔ sen na ewɔ kanko mmiesa yi biara mu?

$$\begin{array}{ccc} \text{2 dots} & + & \text{3 dots} \\ \boxed{2} & + & \boxed{3} \\ & & = \\ & & \boxed{5} \end{array}$$

$$\begin{array}{ccc} \text{5 dots} & + & \text{4 dots} \\ \boxed{5} & + & \boxed{4} \\ & & = \\ & & \boxed{} \end{array}$$

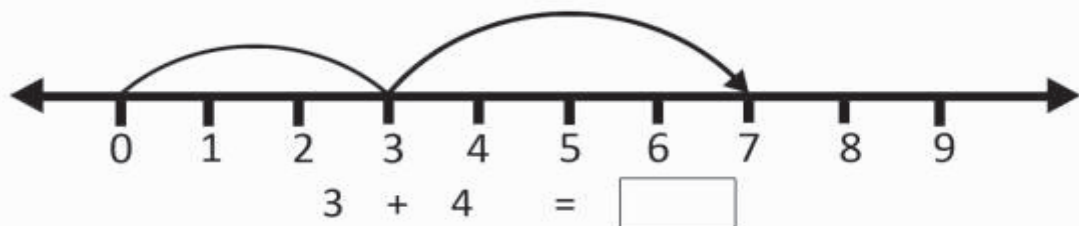
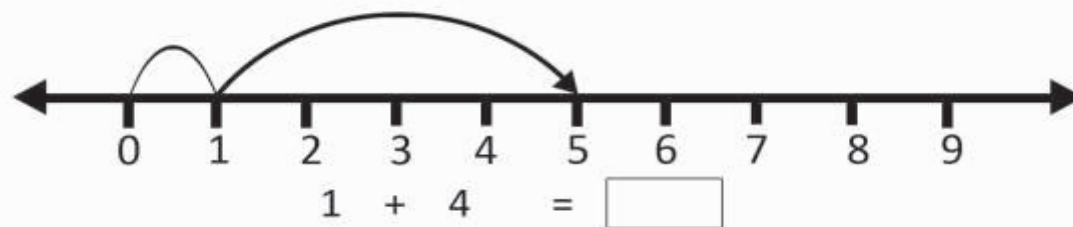
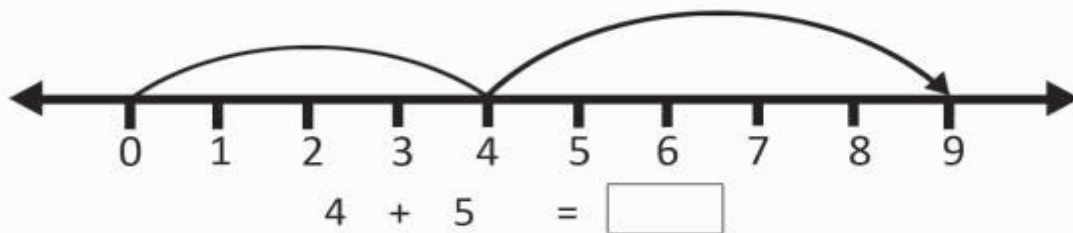
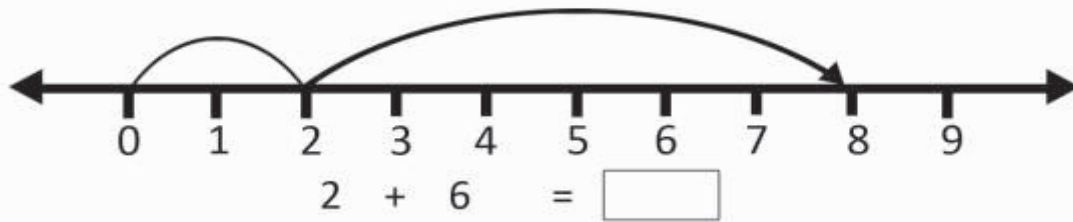
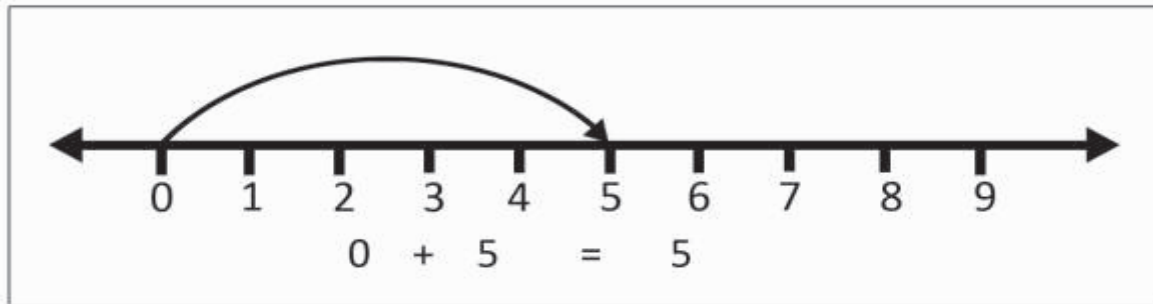
$$\begin{array}{ccc} \text{6 dots} & + & \text{2 dots} \\ \boxed{6} & + & \boxed{2} \\ & & = \\ & & \boxed{} \end{array}$$

$$\begin{array}{ccc} \text{4 dots} & + & \text{3 dots} \\ \boxed{4} & + & \boxed{3} \\ & & = \\ & & \boxed{} \end{array}$$

$$\begin{array}{ccc} \text{3 dots} & + & \text{6 dots} \\ \boxed{3} & + & \boxed{6} \\ & & = \\ & & \boxed{} \end{array}$$

Ɔfa 2. Nkekaho. Adesua 3.

Fa noma laen yi ye noma mmienu yi nkekaho.

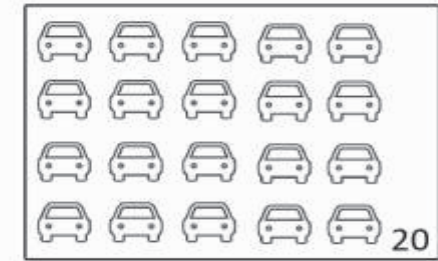
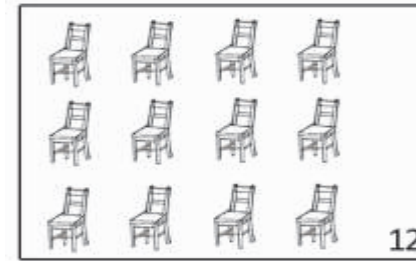


Ɔfa 6. Eso sen anaa Esua sen. Adesua 1

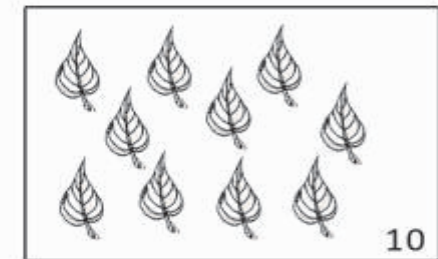
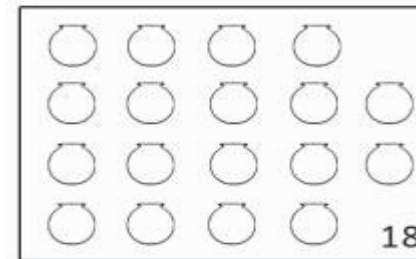
15 so sen 10 15 > 10

6 sua sen 12 6 < 12

Fa > anaa < wie nhyehyee yi.



12 ___ 20



18 ___ 10

26 ___ 42

49 ___ 28

50 ___ 60

95 ___ 85

80 ___ 70

99 ___ 98

75 ___ 60

11 ___ 19

85 ___ 90

59 ___ 71

92 ___ 96

81 ___ 90

Ɔfa 5. Nyifirim. Adesua 12.

Wie nhyehyee yi.

3		
8	-	5
5	-	
	-	4
9	-	
6	-	

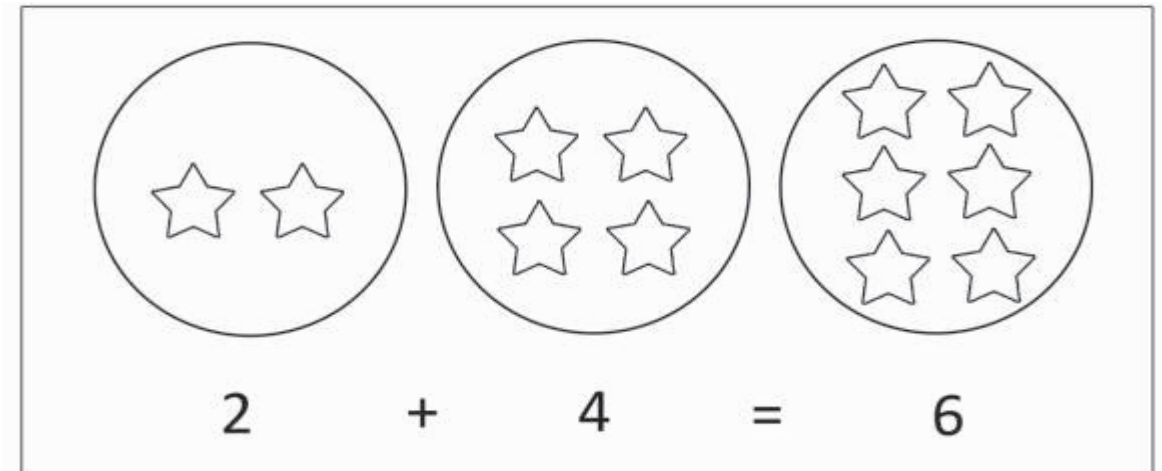
2		
9	-	7
5	-	
	-	5
8	-	
	-	2

23		
73	-	50
	-	43
86	-	
	-	
	-	76

14		
38	-	24
27	-	
	-	30
29	-	
46	-	

Ɔfa 2. Nkekaho. Adesua 4.

Fa noma a yeagya no biara hye n'adaka mu.



$5 + 1 = \square$

$6 + \square = 9$

$2 + 6 = \square$

$2 + \square = 7$

$3 + 2 = \square$



















$3 + \square = 7$

$\square + 4 = 8$

$\square + 5 = 8$

Ɔfa 3. Du du ne Mmaako mmaako. Adesua 1.

Kan dɔɔto dodoɔ no. Fa pensere fa nɔma no mu.

 10	 _____
10 10 10	15 15 15
 _____	 _____
	
11 11 11	16 16 16
 _____	 _____
	
12 12 12	17 17 17
 _____	 _____
	
13 13 13	18 18 18
 _____	 _____
	
14 14 14	19 19 19

Ɔfa 5. Nyifirim. Adesua 10.

Hwehwɛ nɔma a yeagya no.

$\begin{array}{r} 25 \\ - \square \\ \hline 13 \end{array}$	$\begin{array}{r} \square \\ - 15 \\ \hline 11 \end{array}$	$\begin{array}{r} 36 \\ - 24 \\ \hline \end{array}$
$\begin{array}{r} 48 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 37 \\ - \square \\ \hline 23 \end{array}$	$\begin{array}{r} 59 \\ - 34 \\ \hline \end{array}$
$\begin{array}{r} \square \\ - 12 \\ \hline 6 \end{array}$	$\begin{array}{r} 46 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ - \square \\ \hline 25 \end{array}$

Ɔfa 5. Nyifirim. Adesua 8.

Twere mmuaee no. Fa wo nnoɔma a woakyekyere no du du ne mmaako mmaako di dwuma no.

$\begin{array}{r} 25 \\ -12 \\ \hline 13 \end{array}$	
---	--

$$\begin{array}{r} 15 \\ -10 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ -22 \\ \hline \\ \hline \end{array}$$

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

$$\begin{array}{r} 53 \\ -21 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ -15 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ -14 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ -12 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ -13 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ -10 \\ \hline \\ \hline \end{array}$$

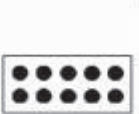

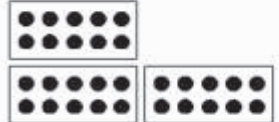
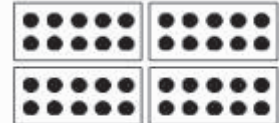
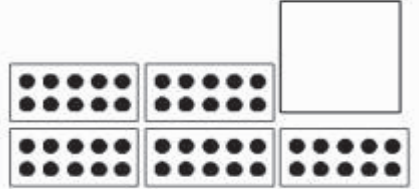
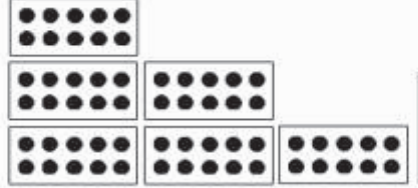
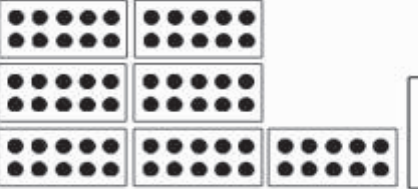
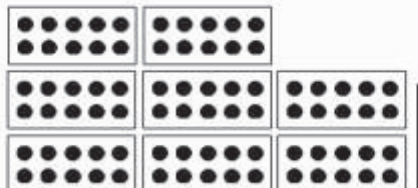
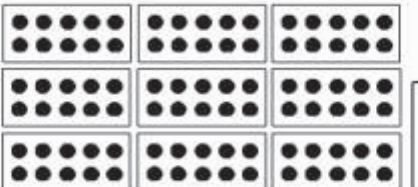
Ɔfa 3. Du du ne Mmaako mmaako. Adesua 2.

Wie nhyehyeee yi.

	10	<input type="text" value="10"/>			10 + <input type="text"/>
		10 + 1 <input type="text" value="11"/>			10 + <input type="text"/>
		10 + <input type="text"/>			10 + <input type="text"/>
		10 + <input type="text"/>			10 + <input type="text"/>
		10 + <input type="text"/>			10 + <input type="text"/>

Ɔfa 3. Du du ne Mmaako mmaako. Adesua 4.

Kan dɔɔto dodoɔ no. Fa pensere fa nɔma no biara mu.

 10 <u>10</u> 10 10  <input type="text"/> 20 20 20  <input type="text"/> 30 30 30  <input type="text"/> 40 40 40  <input type="text"/> 50 50 50	 <input type="text"/> 60 60 60  <input type="text"/> 70 70 70  <input type="text"/> 80 80 80  <input type="text"/> 90 90 90
---	--

Ɔfa 5. Nyifirim. Adesua 5 ne 6.

Twere mmuaee no.

Ɔfa 1

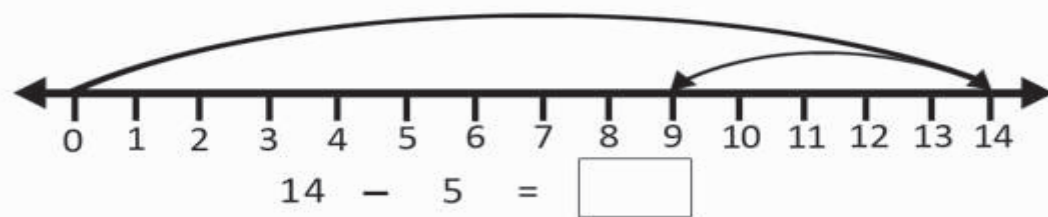
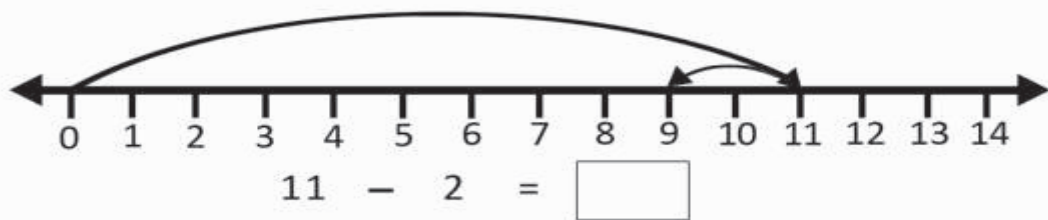
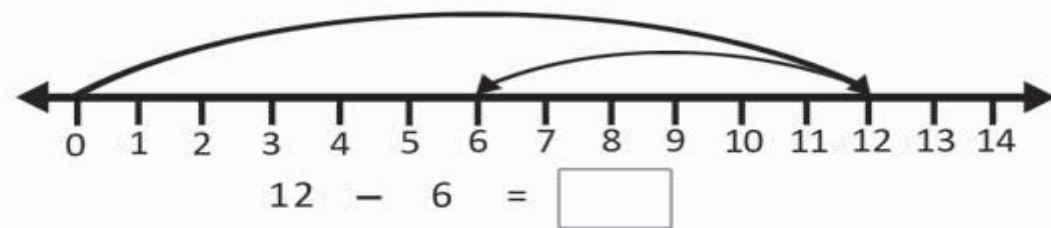
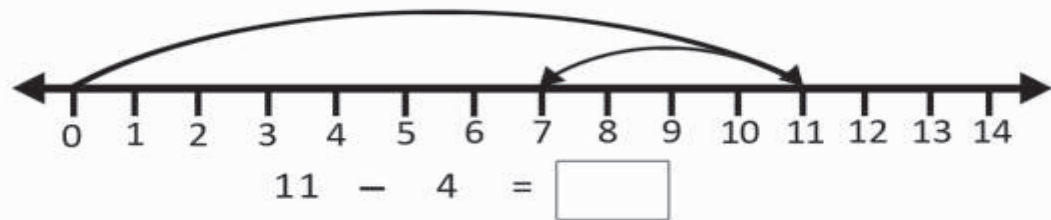
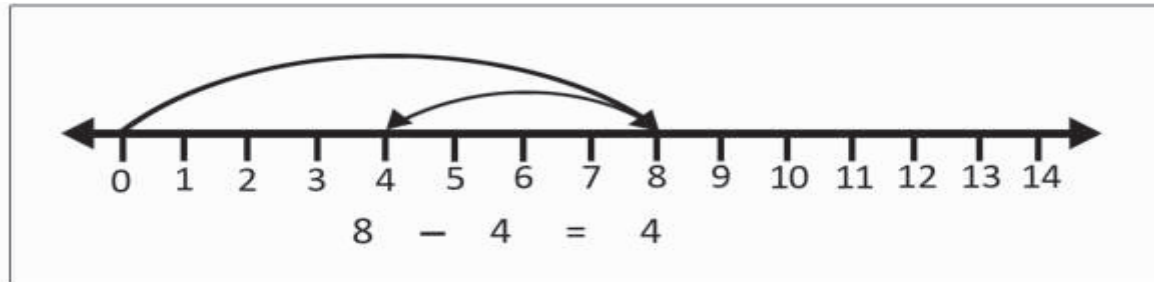
$6 - 2 = 4$	$12 - 3 = \square$
$9 - 4 = \square$	$15 - 1 = \square$
$13 - 6 = \square$	$19 - 8 = \square$
$18 - 5 = \square$	$16 - 5 = \square$

Ɔfa 2

$\begin{array}{r} 18 \\ - 6 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 2 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 4 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 17 \\ - 3 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 7 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 5 \\ \hline \\ \hline \end{array}$

Ɔfa 5. Nyifirim. Adesua 4.

Twerε mmuaεε no.



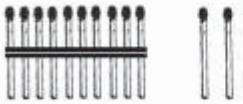

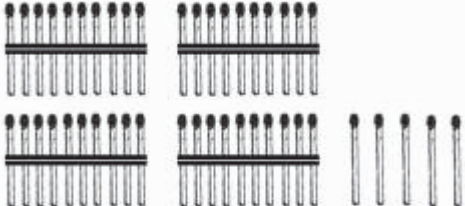
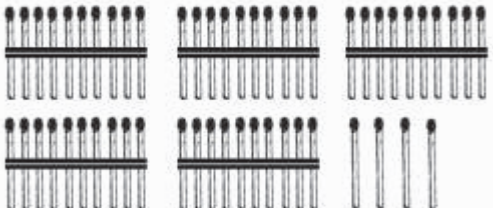

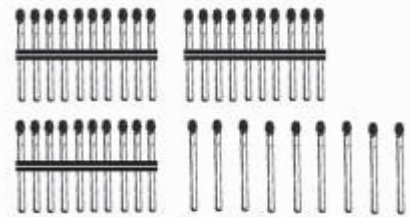
Ɔfa 3. Du du ne Mmaako mmaako. Adesua 5.

Fa nɔma a yeagya no hyehye mu.

0	1		3	4	5	6	7		9
10	11		13	14	15	16	17		
20	21	22			25	26		28	29
	31	32	33	34			37	38	39
40			43	44	45	46			
50	51	51	53				57	58	59
	61	62	63	64			67	68	69
		72		74			77		79
80		82			85		87		
90	91		93	94		96		98	99

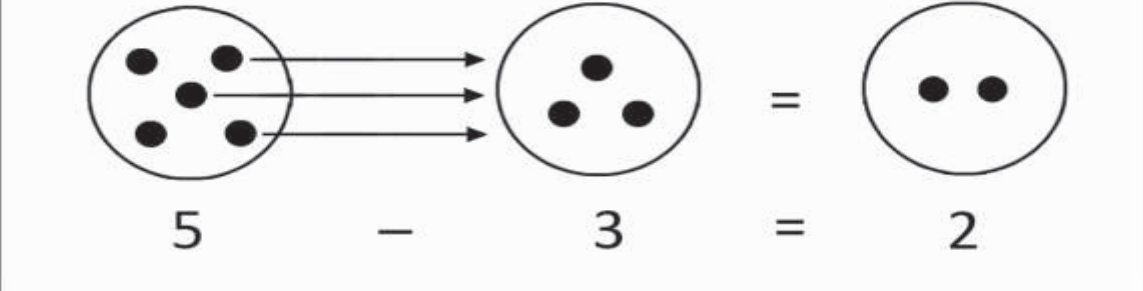
Ɔfa 3. Du du ne Mmaako mmaako. Adesua 7.

Wie nhyehyeee yi.

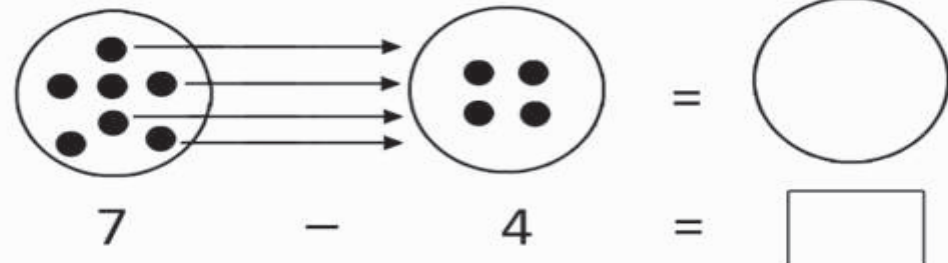
	$10 + 2 = \boxed{12}$
	$20 + 3 = \boxed{23}$
	$40 + \underline{\quad} = \boxed{\quad}$
	$\underline{\quad} + \underline{\quad} = \boxed{\quad}$
	$\underline{\quad} + \underline{\quad} = \boxed{\quad}$
	$\underline{\quad} + \underline{\quad} = \boxed{\quad}$

Ɔfa 5. Nyifirim. Adesua 1.

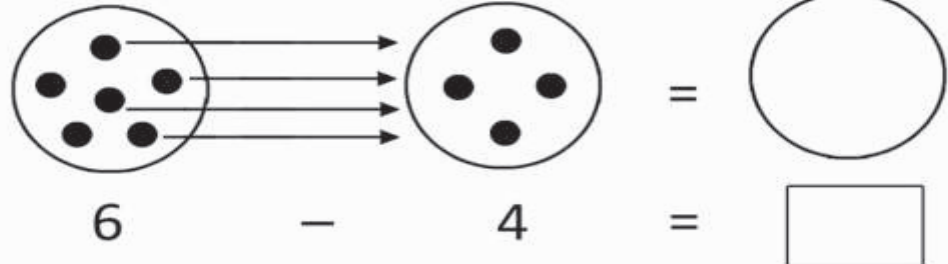
Drɔ dɔɔto a yeagya no. Twere nɔma no mu biara.



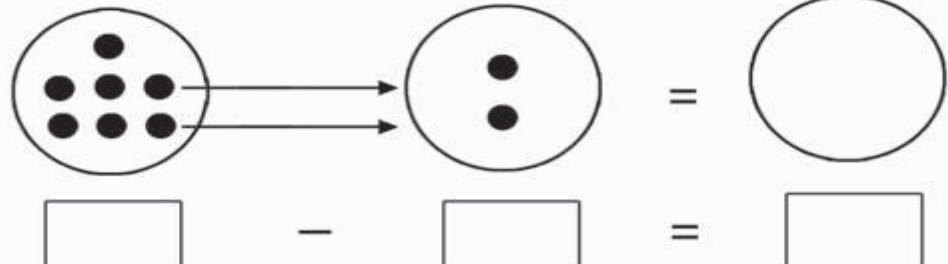
5 - 3 = 2



7 - 4 =



6 - 4 =



- =

Ɔfa 4. Nkekaho. Adesua 5.

Kenkan ɔkasamu a edidi soɔ yi. Twere nɔma no biara. Fa wo nnoɔma a woakyekyere no du du ne mmaako mmaako no yɔ adwuma.

Mewɔ nwoma 6, enna me nuabarima wɔ 5. Yen nwoma no nyinaa dodoɔ ye sen?

	Du du	Mmaako mmaako
+		

Mewɔ mpɛsewa 15, enna me maame de mpɛsewa 30 kaa ho. Mewɔ mpɛsewa dodoɔ sen?

	Du du	Mmaako mmaako
+		

Mmarimaa 10 ne mmeawa 15 na ewɔ klas. Sukuufoɔ no dodoɔ ye sen?

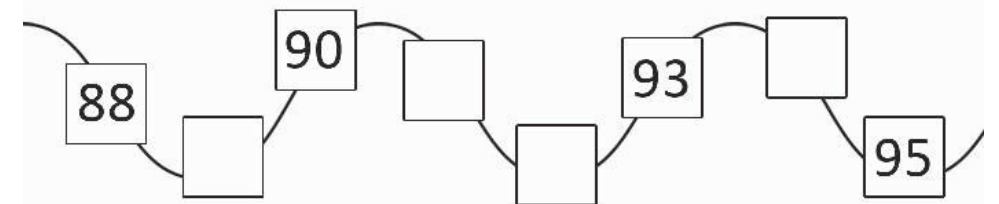
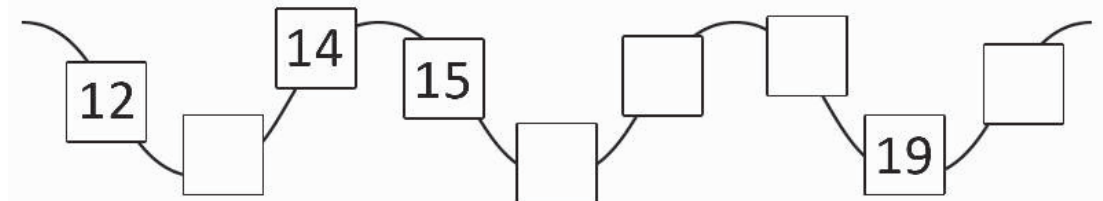
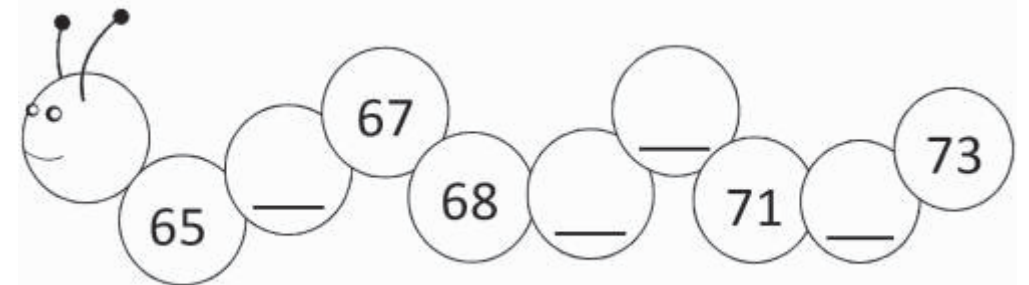
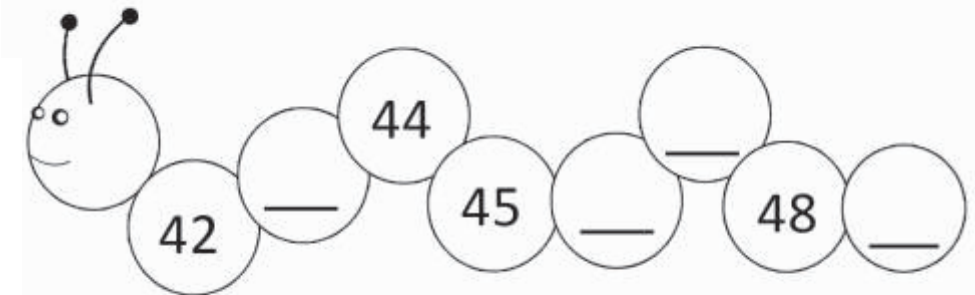
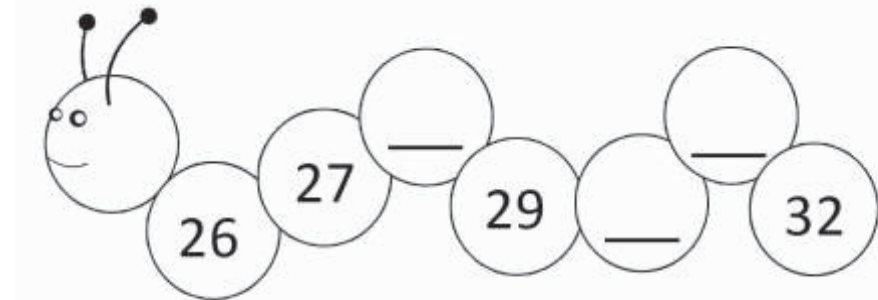
	Du du	Mmaako mmaako
+		

Konadu wɔ pensere 13, enna Agyei wɔ pensere 24. Wɔwɔ pensere dodoɔ sen?

	Du du	Mmaako mmaako
+		

Ɔfa 3. Du du ne Mmaako mmaako. Adesua 10.

Fa nɔma a yeagya no hyehye mu.



Ɔfa 4. Nkekaho. Adesua 1.

Fa nɔma yi keka ho. Twerɛ du du ne mmaako mmaako a εwɔ mu.

		Du du	Mmaako
			mmaako
15	⇒	1	5
+24	⇒	2	4
<hr/>		3	9
<hr/>			

Twerɛ mmuaεε no.

Du du	Mmaako	Du du	Mmaako
	Mmaako		mmaako
22	⇒	75	⇒
+16	⇒	+23	⇒
<hr/>		<hr/>	
⇒		⇒	
<hr/>		<hr/>	
Du du	Mmaako	Du du	Mmaako
	Mmaako		mmaako
56	⇒	64	⇒
+31	⇒	+25	⇒
<hr/>		<hr/>	
⇒		⇒	
<hr/>		<hr/>	

Ɔfa 4. Nkekaho. Adesua 2 ne 3.

Twerɛ mmuaεε no. Fa wo nnoɔma a woakyekyere no du du ne mmaako mmaako di dwuma no.

Ɔfa 1

24	13	14	26
+ 12	+ 15	+ 12	+ 32
<hr/>	<hr/>	<hr/>	<hr/>
45	31	54	31
+ 23	+ 18	+ 25	+ 84
<hr/>	<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>	<hr/>
<hr/>			

Ɔfa 2

22	24	35	28
+ 11	+ 71	+ 14	+ 41
<hr/>	<hr/>	<hr/>	<hr/>
37	77	34	62
+ 62	+ 12	+ 53	+ 37
<hr/>	<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>	<hr/>