



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

Grade 3 Mathematics Mental Starters Assessment Project (MSAP)

Mental Starters: Tasks and Assessments

PRINT MASTERS: ISINDEBELE



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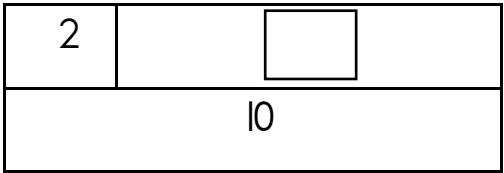
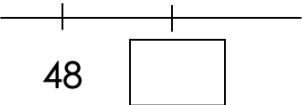
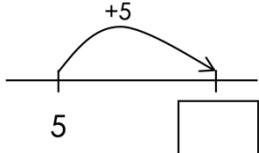
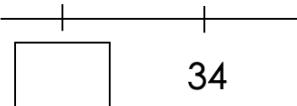
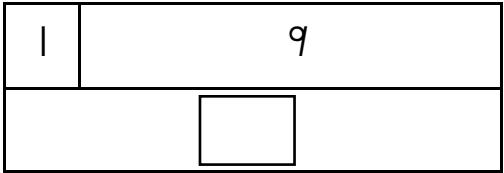
PRINT MASTERS: NGAPHAMBI KOKUHLOLWA NANGEMUVA KOKUHLOLWA

Igama:

Ukweyamela et jhumini: Ngaphambi kokuhlolwa

INGCENYE I

Imizuzu emi-2 yenzelwe ikhasi leli

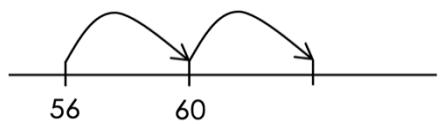
1.	$7 + 3 =$ <input type="text"/>	II.	$50 + 6 =$ <input type="text"/>
2.	$2 + 8 =$ <input type="text"/>	12.	$3 + 60 =$ <input type="text"/>
3.	$10 = 7 +$ <input type="text"/>	13.	$40 - 7 =$ <input type="text"/>
4.	ubu-8 buncani kune-10 ngaku- <input type="text"/>	14.	$40 + 8 =$ <input type="text"/>
5.		15.	Ngisiphi isibuyabuyelelo se-10 esilandelako? 
6.		16.	$100 + 27 =$ <input type="text"/>
7.	$10 - 5 =$ <input type="text"/>	17.	Ngisiphi isibuyabuyelelo se-10 esingaphambili kwama-34? 
8.	$10 - 4 =$ <input type="text"/>	18.	<input type="text"/> + 7 = 50
9.		19.	$30 -$ <input type="text"/> = 27
10.	<input type="text"/> + 10 = 10	20.	$87 = 80 +$ <input type="text"/>
Inani seliloke: 20			

Ukweyamela et jhumini: Ngaphambi kokuhlolwa

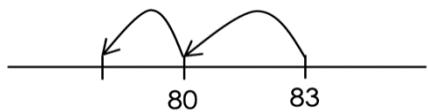
INGCENYE YESI-2

Imizuzu emi-3 yenzelwe ikhasi leli

1. $56 + 8 = \boxed{}$



2. $83 - 4 = \boxed{}$



3. $93 - 7 = \boxed{}$

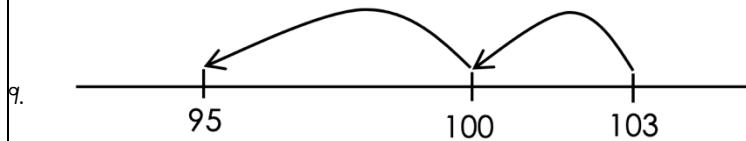
4. $67 + \boxed{} = 73$

5. $\boxed{} + 7 = 82$

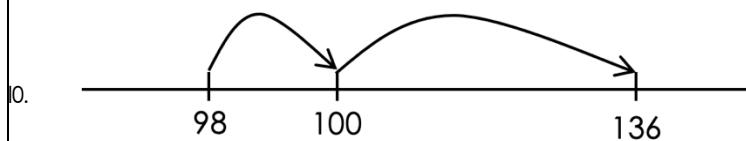
6. $67 + 5 = 67 + 3 + \boxed{}$

7. $94 - \boxed{} = 94 - 4 - 2$

8. $98 + 56 = 98 + 2 + \boxed{}$



9. $103 - \boxed{} = 95$



10. $98 + \boxed{} = 136$

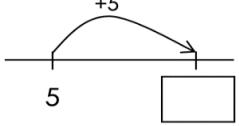
Inani seliloke: 10

Igama:

Ukweyamela et jhumini: Ngemuva kokuhlolwa

INGCENYE YOKU-I

Imizuzu emi-2 yenzelwe ikhasi leli

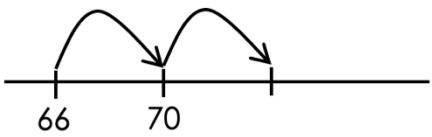
1. $6 + 4 =$ <input type="text"/>	11. $50 + 7 =$ <input type="text"/>						
2. $2 + 8 =$ <input type="text"/>	12. $3 + 60 =$ <input type="text"/>						
3. $10 = 7 +$ <input type="text"/>	13. $40 - 7 =$ <input type="text"/>						
4. ubu-8 buncani kune-10 ngaku- <input type="text"/>	14. $40 + 8 =$ <input type="text"/>						
5. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>2</td><td><input type="text"/></td></tr><tr><td colspan="2"><hr/></td></tr><tr><td colspan="2">10</td></tr></table>	2	<input type="text"/>	<hr/>		10		15. Ngisiphi isibuyabuyelelo se-10 esilandelako? <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> 48 <input type="text"/>
2	<input type="text"/>						
<hr/>							
10							
6. 	16. $100 + 27 =$ <input type="text"/>						
7. $10 - 5 =$ <input type="text"/>	17. Ngisiphi isibuyabuyelelo se-10 esingaphambili kwama-34? <hr style="width: 100px; margin-left: auto; margin-right: 0;"/> <input type="text"/> 34						
8. $10 - 3 =$ <input type="text"/>	18. <input type="text"/> + 8 = 50						
9. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>I</td><td><input type="text"/></td></tr><tr><td colspan="2"><hr/></td></tr><tr><td colspan="2"><input type="text"/></td></tr></table>	I	<input type="text"/>	<hr/>		<input type="text"/>		19. $30 -$ <input type="text"/> = 27
I	<input type="text"/>						
<hr/>							
<input type="text"/>							
10. <input type="text"/> + 10 = 10	20. $87 = 80 +$ <input type="text"/>						
Inani seliloke: 20							

Ukweyamela et jhumini: Ngemuva kokuhlolwa

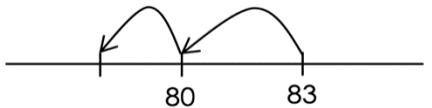
INGCENYE YESI-2

Imizuzu emi-3 yenzelwe ikhasi leli

1. $66 + 8 = \boxed{}$



2. $83 - 5 = \boxed{}$



3. $93 - 7 = \boxed{}$

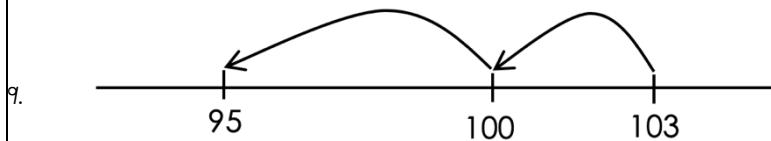
4. $67 + \boxed{} = 73$

5. $\boxed{} + 7 = 82$

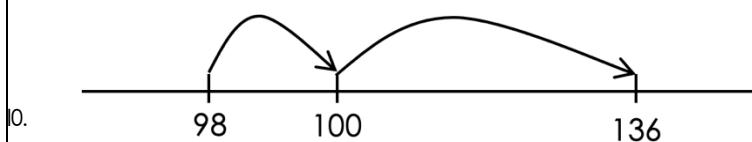
6. $67 + 5 = 67 + 3 + \boxed{}$

7. $94 - \boxed{} = 94 - 4 - 2$

8. $98 + 56 = 98 + 2 + \boxed{}$



$103 - \boxed{} = 95$



$98 + \boxed{} = 136$

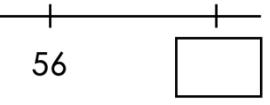
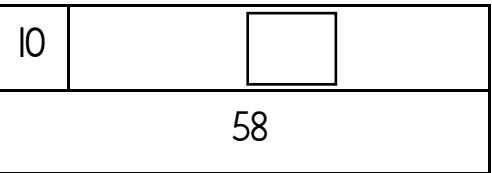
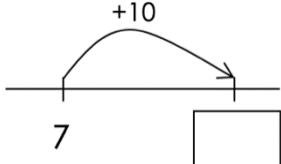
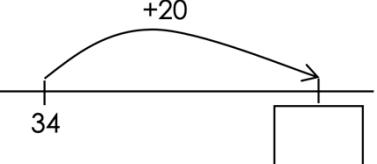
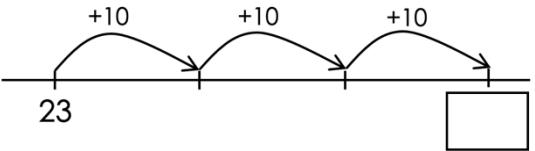
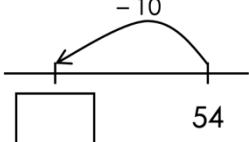
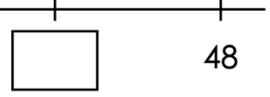
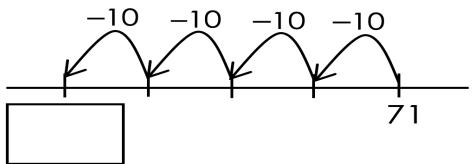
Inani seliloke: 10

Igama:

Amaqhingga wokubala ngokweqa: Ngaphambi kokuhlolwa

INGCENYE YOKU-I

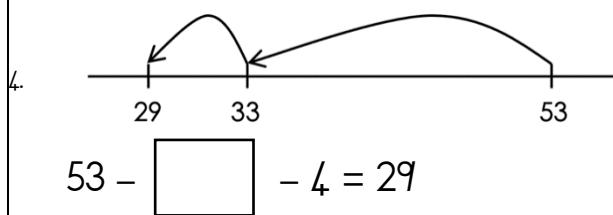
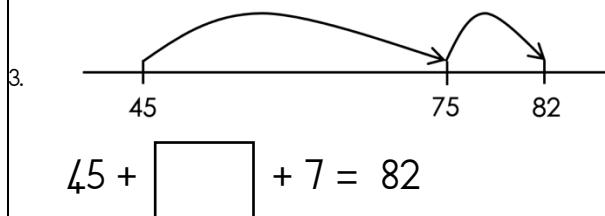
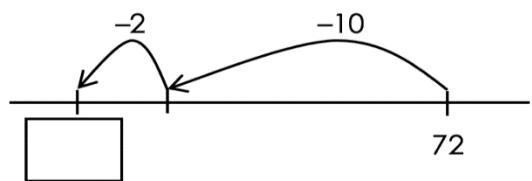
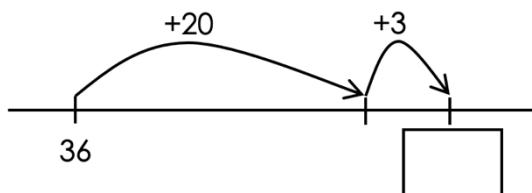
Imizuzu emi-2 yenzelwe ikhasi leli

1.	Zalisa inomboro engekho. 14, 24, 34, 44, <input type="text"/>	II.	Ngisiphi isibuyabuyelelo se-10 esilandelako? 
2.	Zalisa inomboro engekho 79, 69, 59, 49, <input type="text"/>		
3.	$6 + 30 =$ <input type="text"/>	12.	
4.	$57 - 10 =$ <input type="text"/>		
5.		13.	
6.		14.	$16 + 30 =$ <input type="text"/>
7.		15.	Ngisiphi isibuyabuyelelo se-10 esingaphambili kwama-48 
8.	$36 +$ <input type="text"/> $= 40$	16.	$79 - 40 =$ <input type="text"/>
9.		17.	$38 -$ <input type="text"/> $= 18$
10.	$31 - 20 =$ <input type="text"/>	18.	<input type="text"/> $- 20 = 69$
	Inani seliloke: 20	19.	$37 +$ <input type="text"/> $= 77$
		20.	<input type="text"/> $+ 20 = 66$

Amaqhingga wokubala ngokweqa: Ngaphambi kokuhlolwa

INGCENYE YESI-2

Imizuzu emi-3 yenzelwe ikhasi leli



5. $57 + 26 = \boxed{\quad}$

6. $83 - 24 = \boxed{\quad}$

7. $19 + \boxed{\quad} = 41$

8. $62 - \boxed{\quad} = 47$

9. $61 - 32 = 61 - \boxed{\quad} - 2$

10. $74 - \boxed{\quad} = 74 - 20 - 5$

Inani seliloke: 10

Igama:

Amaqhingga wokubala ngokweq'a: Ngemuva kokuhlolwa

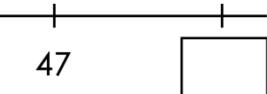
INGCENYE YOKU-I

Imizuzu emi-2 yenzelwe ikhasi leli

1. Zalisa inomboro engekho.

$$12, 22, 32, 42, \boxed{\quad}$$

Ngisiphi isibuyabuyelelo se-10 esilandelako?



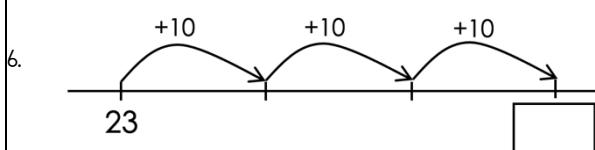
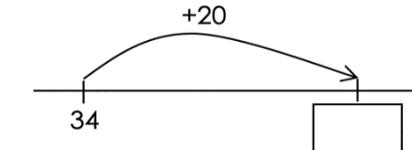
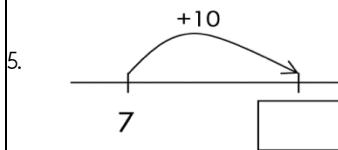
2. Zalisa inomboro engekho.

$$79, 69, 59, 49, \boxed{\quad}$$

3. $6 + 30 = \boxed{\quad}$

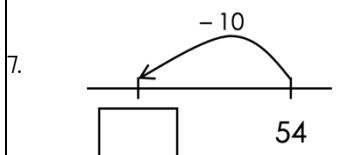
$$\begin{array}{|c|c|c|} \hline 10 & \boxed{\quad} \\ \hline \boxed{\quad} & 58 \\ \hline \end{array}$$

4. $57 - 10 = \boxed{\quad}$



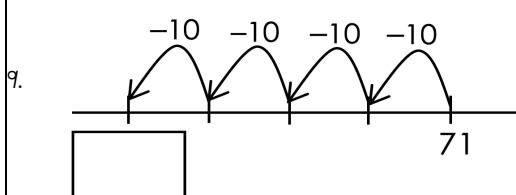
14. $16 + 30 = \boxed{\quad}$

Ngisiyini isibuyabuyelelo se-10
esingaphambili kwama-48?



15. $37 + \boxed{\quad} = 40$

16. $79 - 40 = \boxed{\quad}$



17. $38 - \boxed{\quad} = 18$

18. $\boxed{\quad} - 20 = 64$

19. $31 - 20 = \boxed{\quad}$

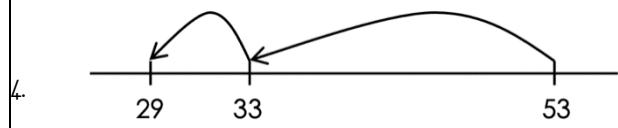
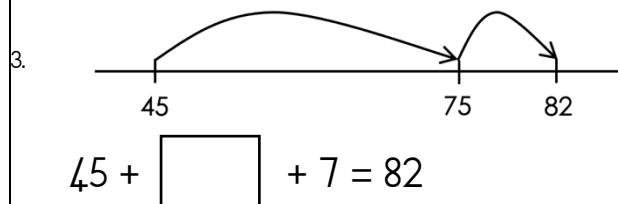
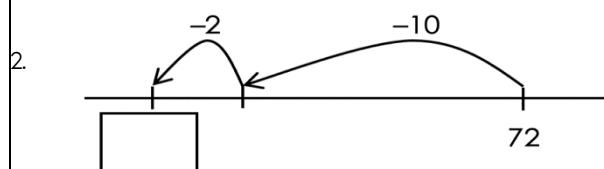
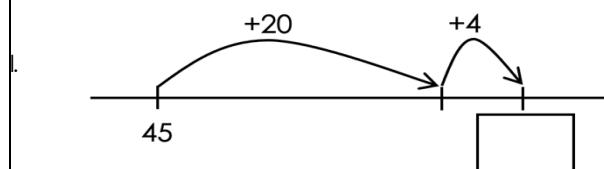
20. $\boxed{\quad} + 20 = 66$

Inani seliloke: 20

Amaqhingga wokubala ngokweqa: Ngemuva kokuhlolwa

INGCENYE YESI-2

Imizuzu emi-3 yenzelwe ikhasi leli



5. $57 + 26 = \boxed{}$

6. $83 - 24 = \boxed{}$

7. $19 + \boxed{} = 41$

8. $52 - \boxed{} = 37$

9. $61 - 32 = 61 - \boxed{} - 2$

10. $74 - \boxed{} = 74 - 20 - 5$

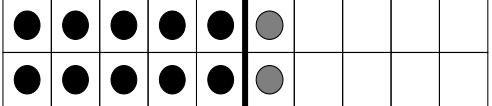
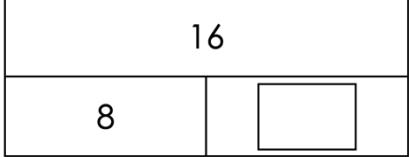
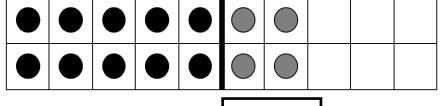
Inani seliloke: 10

Igama:

Ukubuyeleta kibili nokuhafula phakathi: Ngaphambi kokuhlolwa

INGCENYE YOKU-I

Imizuzu emi-2 yenzelwe ikhasi leli

 $6 + 6 = \boxed{}$	$15 + 15 = \boxed{}$
$ihafu ye-12 = \boxed{}$	$7 \times 2 = \boxed{}$
$9 + 9 = \boxed{}$	$ihafu ye- \boxed{} = 7$
$ubu-8 nabubuyeletwa kibili = \boxed{}$	$i-100 nalibuyeletwa kibili = \boxed{}$
$\boxed{} \times 2 = 12$	$ama-20 nakabuyeletwa kibili = \boxed{}$
	$ihafu yama- \boxed{} = 40$
$i-10 nalibuyeletwa kibili = \boxed{}$	$ihafu yama-50 = \boxed{}$
 $ihafu ye-14 = \boxed{}$	$16 \div 2 = \boxed{}$
$10 \div 2 = \boxed{}$	$ihafu yama-30 = \boxed{}$
$ihafu ye-18 = \boxed{}$	$2 \times 60 = \boxed{}$
Inani seliloke: 20	

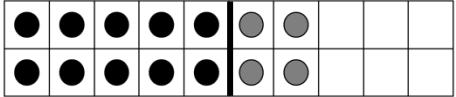
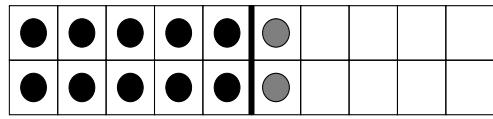
Ukubuyeleta kibili nokuhafula phakathi: Ngaphambi kokuhlolwa INGCENYE YESI-2 Imizuzu emi-3 yenzelwe ikhasi leli	
1.	ama-42 nakabuyeletwa kibili = <input type="text"/>
2.	$36 \times 2 =$ <input type="text"/>
3.	$64 \div 2 =$ <input type="text"/>
4.	ihafu ye-102 = <input type="text"/>
5.	ama-47 nakabuyeletwa kibili = <input type="text"/>
6.	ihafu yama-38 = <input type="text"/>
7.	ihafu ye- <input type="text"/> = 52
ama-39 nakabuyeletwa kibili ma-78	
8.	ihafu yama-78 ima- <input type="text"/>
9.	$39 + 38 =$ <input type="text"/>
10.	ama-39 nakabuyeletwa kibili = $40 + 40 -$ <input type="text"/>
Inani seliloke: 10	

Igama:

Ukubuyeleta kibili nokuhafula phakathi: Ngemuva kokuhlolwa

INGCENYE I

Imizuzu emi-2 yenzelwe ikhasi leli

 $7 + 7 = \boxed{\quad}$	$14 + 14 = \boxed{\quad}$				
$\text{ihafu ye-}12 = \boxed{\quad}$	$7 \times 2 = \boxed{\quad}$				
$9 + 9 = \boxed{\quad}$	$\text{ihafu ye-} \boxed{\quad} = 7$				
$\text{ubu-8 nabubuyeletwa kibili} = \boxed{\quad}$	$\text{i-100 nalibuyeletwa kibili} = \boxed{\quad}$				
$\boxed{\quad} \times 2 = 14$	$\text{ama-20 nakabuyeletwa kibili} = \boxed{\quad}$				
<table border="1" style="width: 100%; text-align: center;"> <tr> <td colspan="2" style="padding: 5px;">16</td> </tr> <tr> <td style="padding: 5px;">8</td> <td style="padding: 5px;">$\boxed{\quad}$</td> </tr> </table>	16		8	$\boxed{\quad}$	$\text{ihafu yama-} \boxed{\quad} = 40$
16					
8	$\boxed{\quad}$				
$\text{i-10 nalibuyeletwa kibili} = \boxed{\quad}$	$\text{ihafu yama-}50 = \boxed{\quad}$				
 $\text{ihafu ye-}12 = \boxed{\quad}$	$18 \div 2 = \boxed{\quad}$				
$10 \div 2 = \boxed{\quad}$	$\text{ihafu yama-}30 = \boxed{\quad}$				
$\text{ihafu ye-}18 = \boxed{\quad}$	$2 \times 60 = \boxed{\quad}$				

Inani seliloke: 20

Ukubuyeleta kibili nokuhafula phakathi: Ngemuva kokuhlolwa

INGCENYE YESI-2

Imizuzu emi-3 yenzelwe ikhasi leli

1. ama-42 nakabuyeletwa kibili =

2. $36 \times 2 =$

3. $64 \div 2 =$

4. ihafu ye-102 =

5. ama-99 nakabuyeletwa kibili =

6. ihafu yama-38 =

7. ihafu ye- = 52

ama-39 nakabuyeletwa kibili ma-78

8. ihafu yama-78 ima-

9. $39 + 38 =$

10. ama-39 nakabuyeletwa kibili = $40 + 40 -$

Inani seliloke: 10

Igama:

Ukutjhideza etjhumi nokulungisa: Ngaphambi kokuhlolwa

INGCENYE YOKU-I

Imizuzu emi-2 yenzelwe ikhasi leli

1. $23 + 30 = \boxed{}$	11. $69 + 2 = \boxed{}$
2. $42 - 3 = \boxed{}$	12. $68 + 10 = \boxed{}$
3. $57 - 10 = \boxed{}$	13. $38 + 3 = \boxed{}$
4. $51 - 2 = \boxed{}$	14. $145 + 30 = \boxed{}$
5. $137 - 20 = \boxed{}$	15. $97 - 60 = \boxed{}$
6. $43 + 40 = \boxed{}$	16. $48 = \boxed{} - 2$
7. $29 = \boxed{} - 1$	17. $49 + \boxed{} = 50$
8. $67 + \boxed{} = 70$	18. ama-50 nakabuyelelwa kibili = $\boxed{}$
9. $97 = 100 - \boxed{}$	19. i-100 nalibuyelelwa kibili = $\boxed{}$
10. $88 + \boxed{} = 90$	20. $28 + \boxed{} = 30$

Inani seliloke: 20

Ukut jhideza et jhumini nokulungisa: Ngaphambi kokuhlolwa

INGCENYE 2

Imizuzu emi-2 yenzelwe ikhasi leli

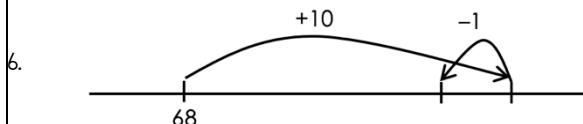
1. $34 + 29 = \boxed{}$

2. $64 - 19 = \boxed{}$

3. $27 + 98 = \boxed{}$

4. $234 - 99 = \boxed{}$

5. $97 + 98 + 99 = \boxed{}$



$68 + \boxed{} = 68 + 10 - 1$



$67 - 18 = 67 - 20 + \boxed{}$

8. $56 + 28 = 56 + \boxed{} - 2$

9. $84 - 39 = 84 - \boxed{} + 1$

10. Zungelezela umut jho wenomboro onikela ipendulo ef ana nale:

$$80 - 59$$

$$80 + 60 - 1$$

$$80 - 60 - 1$$

$$80 - 60 + 1$$

$$80 + 60 + 1$$

Inani seliloke: 10

Igama:

Ukut jhideza et jhumini nokulungisa: Ngemuva kokuhlolwa

INGCENYE I

Imizuzu emi-2 yenzelwe ikhasi leli

1. $34 + 20 = \boxed{}$	11. $29 + 2 = \boxed{}$
2. $42 - 3 = \boxed{}$	12. $68 + 10 = \boxed{}$
3. $57 - 10 = \boxed{}$	13. $38 + 3 = \boxed{}$
4. $51 - 2 = \boxed{}$	14. $145 + 30 = \boxed{}$
5. $178 - 30 = \boxed{}$	15. $97 - 60 = \boxed{}$
6. $43 + 40 = \boxed{}$	16. $48 = \boxed{} - 2$
7. $29 = \boxed{} - 1$	17. $79 + \boxed{} = 80$
8. $37 + \boxed{} = 40$	18. ama-50 nakabuyelelwu kibili = $\boxed{}$
9. $97 = 100 - \boxed{}$	19. i-100 nalibuyelelwu kibili = $\boxed{}$
10. $88 + \boxed{} = 90$	20. $28 + \boxed{} = 30$

Inali seliloke: 20

Ukut jhideza et jhumini nokulungisa: Ngemuva kokuhlolwa

INGCENYE YESI-2

Imizuzu emi-3 yenzelwe ikhasi leli

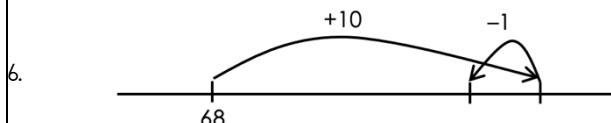
1. $34 + 19 = \boxed{}$

2. $54 - 29 = \boxed{}$

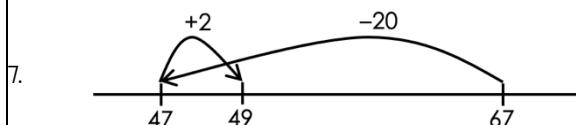
3. $27 + 98 = \boxed{}$

4. $234 - 99 = \boxed{}$

5. $97 + 98 + 99 = \boxed{}$



$68 + \boxed{} = 68 + 10 - 1$



$67 - 18 = 67 - 20 + \boxed{}$

8. $56 + 28 = 56 + \boxed{} - 2$

9. $84 - 39 = 84 - \boxed{} + 1$

10. Zungelezela umut jho wenomboro onikela ipendulo ef ana nale:

$$60 - 29$$

$$60 - 30 + 1$$

$$60 + 30 + 1$$

$$60 + 30 - 1$$

$$60 - 30 - 1$$

Inani seliloke: 10

Igama:

Ukuhlela kabut jha: Ngaphambi kokuhlolwa

INGCENYE YOKU-I

Imizuzu emi-2 yenzelwe ikhasi leli

<p>Zungelezela iinomboro ezimbili nazihlanganiswako zenza i-10.</p> <p>1. 7 4 2 3 9</p>	<p>11. $100 + 14 =$ <input type="text"/></p>						
<p>Zungelezela iinomboro ezimbili nazihlanganiswako zenza i-10.</p> <p>2. 5 4 1 6 8</p>	<p>12. $2 \times 5 =$ <input type="text"/></p>						
<p>3. $6 +$ <input type="text"/> $= 10$</p>	<p>13. Zungelezela iinomboro ezimbili nazihlanganiswako zenza ama-20.</p> <p>8 14 12 3 19</p>						
<p>4. $9 + 11 =$ <input type="text"/></p>	<p>14. Zungelezela iinomboro ezimbili nazihlanganiswako zenza ama-20.</p> <p>15 4 1 16 8</p>						
<p>5. Zungelezela iinomboro ezimbili nazihlanganiswako zenza i-100.</p> <p>24 50 30 38 70</p>	<p>15. $50 \times 2 =$ <input type="text"/></p>						
<p>6. Zungelezela iinomboro ezimbili nazihlanganiswako zenza i-100.</p> <p>51 17 29 49 60</p>	<p>16. $140 +$ <input type="text"/> $= 149$</p>						
<p>7. $20 = 8 +$ <input type="text"/></p>	<p>17. Zungelezela iinomboro ezimbili nazihlanganiswako zenza ama-30.</p> <p>18 14 12 7 19</p>						
<p>8. <input type="text"/> $+ 3 = 20$</p>	<p>18. Zungelezela iinomboro ezimbili nazihlanganiswako zenza ama-30.</p> <p>10 14 9 16 13</p>						
<p>9. <table border="1" style="width: 100%;"><tr><td style="width: 50%;">21</td><td style="width: 50%;"><input type="text"/></td></tr><tr><td colspan="2" style="height: 20px;"></td></tr><tr><td colspan="2" style="height: 20px;">30</td></tr></table></p>	21	<input type="text"/>			30		<p>19. $\begin{array}{r} & 1 \\ & \hline 69 & \\ 69 + & \boxed{} & = 100 \end{array}$</p>
21	<input type="text"/>						
30							
<p>10. $56 + 30 =$ <input type="text"/></p>	<p>20. $22 + 18 =$ <input type="text"/></p>						
<p>Inani seliloke: 20</p>							

Ukuhlela kabut jha: Ngaphambi kokuhlolwa

INGCENYE YESI-2

Imizuzu emi-3 yenzelwe ikhasi leli

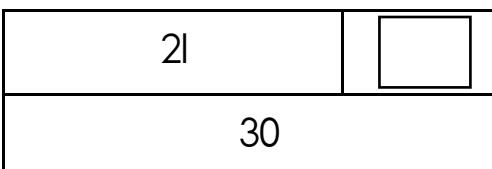
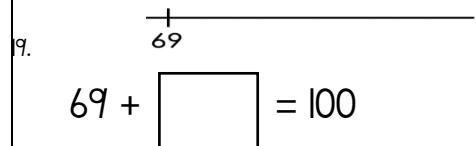
1.	$6 + 98 =$	<input type="text"/>
2.	$17 + 48 + 13 =$	<input type="text"/>
3.	$199 + 98 + 1 + 2 =$	<input type="text"/>
4.	$37 + 56 + 13 =$	<input type="text"/>
5.	$38 + 125 + 15 =$	<input type="text"/>
6.	$2 \times 7 \times 5 =$	<input type="text"/>
7.	$6 + 98 = 98 +$	<input type="text"/>
8.	$96 + 58 + 4 = 100 +$	<input type="text"/>
9.	$99 + 97 + 1 +$	<input type="text"/> = 200
10.	Zungelezela iinomboro ezimbili ezihle khulu bonyana ungazihlanganisa maqangi esedeni le:	
	37 88 12	
	Inani selloke: 10	

Igama:

Ukuhlela kabutjha: Ngemuva kokuhlolwa

INGCENYE YOKU-I

Imizuzu emi-2 yenzelwe ikhasi leli

Zungelezela iinomboro ezimbili nazihlanganiswako zenza i-10. 1. 7 4 2 3 9	11. $100 + 32 = \boxed{}$
Zungelezela iinomboro ezimbili nazihlanganiswako zenza i-10. 2. 5 4 1 6 8	12. $2 \times 5 = \boxed{}$
3. $7 + \boxed{} = 10$	Zungelezela iinomboro ezimbili nazihlanganiswako zenza ama-20. 13. 8 14 12 3 19
4. $9 + 11 = \boxed{}$	Zungelezela iinomboro ezimbili nazihlanganiswako zenza ama-20. 14. 15 4 1 16 8
5. Zungelezela iinomboro ezimbili nazihlanganiswako zenza i-100. 15. 24 50 30 38 70	15. $50 \times 2 = \boxed{}$
6. Zungelezela iinomboro ezimbili nazihlanganiswako zenza i-100. 16. 1 17 29 49 60	16. $140 + \boxed{} = 149$
7. $20 = 8 + \boxed{}$	Zungelezela iinomboro ezimbili nazihlanganiswako zenza ama-30. 17. 8 14 12 7 19
8. $\boxed{} + 3 = 20$	Zungelezela iinomboro ezimbili nazihlanganiswako zenza ama-30. 18. 10 14 9 16 13
9. 	9. 
10. $56 + 30 = \boxed{}$	10. $69 + \boxed{} = 100$
Inani seliloke: 20	

Ukuhlela kabutjha: Ngemuva kokuhlolwa

INGCENYE YESI-2

Imizuzu emi-3 yenzelwe ikhasi leli

1. $8 + 97 = \boxed{}$

2. $27 + 48 + 23 = \boxed{}$

3. $199 + 98 + 1 + 2 = \boxed{}$

4. $37 + 56 + 13 = \boxed{}$

5. $38 + 125 + 15 = \boxed{}$

6. $2 \times 7 \times 5 = \boxed{}$

7. $8 + 97 = 97 + \boxed{}$

8. $96 + 58 + 4 = 100 + \boxed{}$

9. $99 + 97 + 1 + \boxed{} = 200$

Zungelezela iinomboro ezimbili ezihle khulu bonyana ungazihlanganisa maqangi
10. esedeni le:

43 36 14

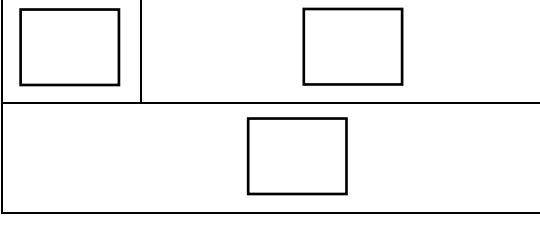
Inani seliloke: 10

Igama:

Ukuhlobanisa ukuhlanganisa nokukhupha: Ngaphambi kokuhlolwa

INGCENYE YOKU-I

Imizuzu emi-2 yenzelwe ikhasi lesi

<p>1. $88 + \boxed{\quad} = 92$</p>	<p>Zalisa i-15, 5 begodu nama-20 emit jhweni yeenomboro engenzasi ($1 - 4$).</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 5px;">15</td> <td style="padding: 5px;">5</td> </tr> <tr> <td colspan="2" style="padding: 5px; text-align: center;">20</td> </tr> </table>	15	5	20	
15	5				
20					
<p>2. $42 - 4 = \boxed{\quad}$</p>	<p>$\boxed{\quad} - 5 = \boxed{\quad}$</p>				
<p>3. $86 + 5 = \boxed{\quad}$</p>	<p>$\boxed{\quad} + 5 = \boxed{\quad}$</p>				
<p>4. $7 + \boxed{\quad} = 23$</p>	<p>$\boxed{\quad} - \boxed{\quad} = 5$</p>				
<p>5. $99 + \boxed{\quad} = 20$</p>	<p>$5 + \boxed{\quad} = \boxed{\quad}$</p>				
<p>Zalisa iinomboro ezintathu lezi emabhoksini ekungiwo: $1 - 9 = 2$.</p>	<p>6. $qq + \boxed{\quad} = 02$</p>				
	<p>7. $2 - \boxed{\quad} = 9$</p>				
	<p>8. $302 - 5 = \boxed{\quad}$</p>				
<p>9. $29 + \boxed{\quad} = 34$</p>	<p>10. $47 + \boxed{\quad} = 55$</p>				
<p>11. $34 - \boxed{\quad} = 29$</p>	<p>12. $75 + \boxed{\quad} = 82$</p>				
<p>Inani selloke: 20</p>					

Ukuhlobanisa ukuhlanganisa nokukhupha: Ngemuva kokuhlolwa

INGCENYE YESI-2

Imizuzu emi-3 yenzelwe ikhasi leli

1. $92 - 88 = \boxed{}$

2. $4 + \boxed{} = 402$

3. $\boxed{} - 82 = 5$

4. $82 - 75 = \boxed{}$

5. $201 - 199 = \boxed{}$

6.

99	102
99	102

7. $27 + 15 = 42$

$42 - 15 = \boxed{}$

8. $24 + 42 = 66$

$24 + 18 = 42$

9. $\boxed{} + 24 = 42$

Sebenzisa iinomboro ezintathu ezingenzasi ukubalisa ukukhupha okubili
okuhlukileko:

$83 + 37 = 120$

10. $\boxed{} - \boxed{} = \boxed{}$

11. $\boxed{} - \boxed{} = \boxed{}$

Inani seliloke: 10

Igama:

Ukuhlobanisa ukuhlanganisa nokukhupha: Ngemuva kokuhlolwa

INGCENYE YOKU-I

Imizuzu emi-2 yenzelwe ikhasi leli

1. $76 + \boxed{\quad} = 82$

Zalisa i-16, 4 nama-20 emit jhweni
yeenomboro engenzasi ($16 - 4$)

16	4
20	

2. $42 - 4 = \boxed{\quad}$

II. $\boxed{\quad} - 4 = \boxed{\quad}$

3. $86 + 5 = \boxed{\quad}$

II. $\boxed{\quad} + 4 = \boxed{\quad}$

4. $17 + \boxed{\quad} = 23$

III. $\boxed{\quad} - \boxed{\quad} = 4$

5. $199 + \boxed{\quad} = 201$

IV. $4 + \boxed{\quad} = \boxed{\quad}$

Zalisa iinomboro ezintathu lezi
ngemabhoksini: $10 - 8 = 2$

V. $99 + \boxed{\quad} = 102$

6.

<input type="text"/>	<input type="text"/>
<input type="text"/>	

VI. $21 - \boxed{\quad} = 19$

7. $302 - 5 = \boxed{\quad}$

VII. $37 + 6 = \boxed{\quad}$

8. $27 + \boxed{\quad} = 35$

VIII. $34 - \boxed{\quad} = 29$

9. $29 + \boxed{\quad} = 34$

X. $75 + \boxed{\quad} = 82$

10. $91 - \boxed{\quad} = 89$

Inani seliloke: 20

Ukuhlobanisa ukuhlanganisa nokukhupha: Ngemuva kokuhlolwa

INGCENYE YESI-2

Imizuzu emi-3 yenzelwe ikhasi leli

1. $73 - 68 = \boxed{}$

2. $6 + \boxed{} = 303$

3. $\boxed{} - 82 = 5$

4. $82 - 75 = \boxed{}$

5. $201 - 199 = \boxed{}$

6.

$\boxed{}$	99
102	

$42 + 15 = 57$ $27 + 15 = 42$

7. $42 - 15 = \boxed{}$

$42 + 24 = 66$ $24 + 18 = 42$

8. $\boxed{} + 24 = 42$

Sebenzisa iinomboro ezintathu ezingenzasi ukubalisisa ukukhupha okubili
okuhlukileko:

$67 + 53 = 120$

9. $\boxed{} - \boxed{} = \boxed{}$

10. $\boxed{} - \boxed{} = \boxed{}$

Inani seliloke: 10

PRINT MASTERS: AMAPHEPHA WOMSEBENZI WEKHAYA

Igama:

Ukweyamela et jhumini: Iphepha lokusebenzela woku-l

1.	$6 + 4 = \boxed{}$	13.	$50 + 6 = \boxed{}$																
2.	$1 + 9 = \boxed{}$	14.	$50 + 4 = \boxed{}$																
3.	7 lincani kune-19 nge- <input type="text"/>	15.	8 buncani kunama-30 ngama- <input type="text"/>																
4.	$10 = 3 + \boxed{}$	16.	$20 = 19 + \boxed{}$																
5.	<table border="1" style="width: 100%; height: 50px;"> <tr> <td style="width: 10%;">1</td> <td style="width: 40%;"></td> <td style="width: 10%;"><input type="text"/></td> <td style="width: 40%;"></td> </tr> <tr> <td colspan="4" style="text-align: center;">10</td> </tr> </table>	1		<input type="text"/>		10				17.	<table border="1" style="width: 100%; height: 50px;"> <tr> <td style="width: 10%;">4</td> <td style="width: 40%;"></td> <td style="width: 10%;"><input type="text"/></td> <td style="width: 40%;"></td> </tr> <tr> <td colspan="4" style="text-align: center;">30</td> </tr> </table>	4		<input type="text"/>		30			
1		<input type="text"/>																	
10																			
4		<input type="text"/>																	
30																			
6.		18.																	
7.	$10 - 5 = \boxed{}$	19.	$60 - 4 = \boxed{}$																
8.	$10 - 8 = \boxed{}$	20.	$60 - 7 = \boxed{}$																
9.	<table border="1" style="width: 100%; height: 50px;"> <tr> <td style="width: 10%;">3</td> <td style="width: 40%;"></td> <td style="width: 10%;">7</td> <td style="width: 40%;"></td> </tr> <tr> <td colspan="4" style="text-align: center;"><input type="text"/></td> </tr> </table>	3		7		<input type="text"/>				21.	<table border="1" style="width: 100%; height: 50px;"> <tr> <td style="width: 10%;"></td> <td style="width: 40%;"></td> <td style="width: 10%;">39</td> <td style="width: 40%;"></td> </tr> <tr> <td colspan="4" style="text-align: center;"><input type="text"/></td> </tr> </table>			39		<input type="text"/>			
3		7																	
<input type="text"/>																			
		39																	
<input type="text"/>																			
10.	<input type="text"/> + 4 = 10	22.	<input type="text"/> + 3 = 23																
11.	$8 + \boxed{} = 10$	23.	$30 + \boxed{} = 36$																
12.		24.																	

Igama:

Ukweyamela et jhumini: Iphepha lokusebenzela lesi-2

1. $45 + 8 = \boxed{}$



2. $54 - 6 = \boxed{}$



3. $26 + \boxed{} = 34$

4. $27 + \boxed{} = 27 + 3 + 5$

5. $32 + 9 = 32 + 8 + \boxed{}$

6. $67 + 6 = 67 + 3 + \boxed{}$

7. $44 + \boxed{} = 44 + 6 + 23$

8. $32 - \boxed{} = 32 - 2 - 5$

9. $\begin{array}{ccc} +\boxed{} & & +\boxed{} \\ \swarrow & & \searrow \\ 97 & 100 & 144 \end{array}$

$$97 + \boxed{} + \boxed{} = 144$$

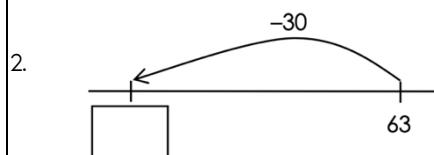
10. $\begin{array}{ccc} -\boxed{} & & -\boxed{} \\ \swarrow & & \searrow \\ 95 & 100 & 153 \end{array}$

$$153 - \boxed{} - \boxed{} = 95$$

Igama:

Amaqhingga wokubala ngokweqa: Iphepha lokusebenzela loku-I

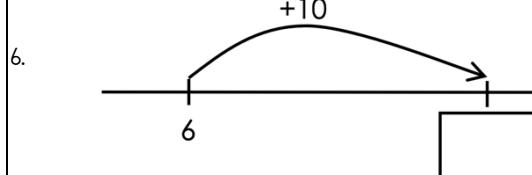
I. $75 - 10 = \boxed{}$



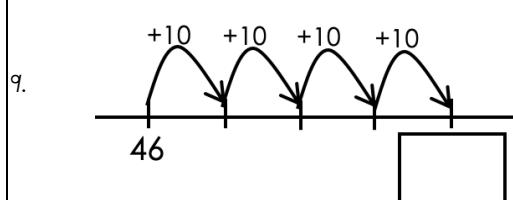
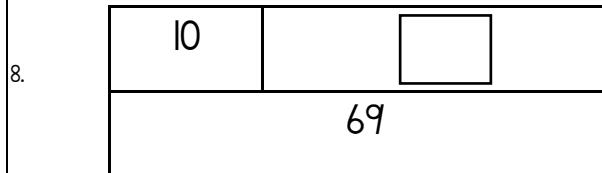
3. 17 27 37 $\boxed{}$ 57

4. $47 + \boxed{} = 50$

Ngisiphi isibuyabuyelelo se-10
esilandelako?

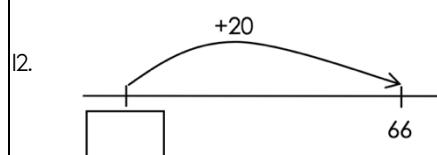


7. $52 - 20 = \boxed{}$



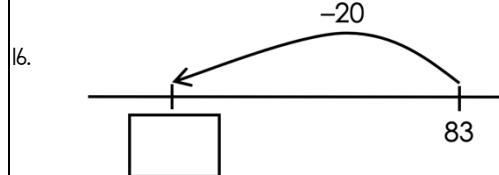
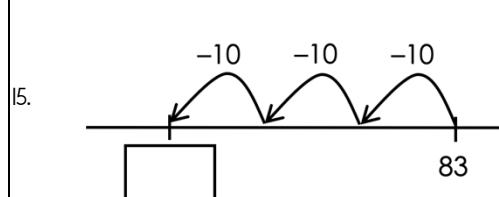
11. $45 + \boxed{} = 85$

II. $14 + 50 = \boxed{}$

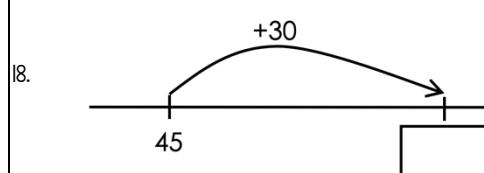


13. 86 76 66 56 $\boxed{}$

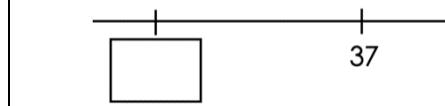
14. $68 - \boxed{} = 8$



17. $4 + 50 = \boxed{}$



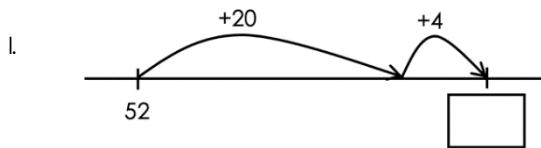
Ngisiphi isibuyabuyelelo se-10
esingaphambili kwama-37?



12. $97 - 60 = \boxed{}$

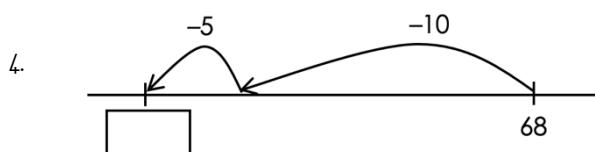
Igama:

Amaqhingga wokubala ngokweq a: Iphepha lokusebenzela lesi-2



2. $45 + 8 = \boxed{\quad}$

3. $64 - 25 = \boxed{\quad}$



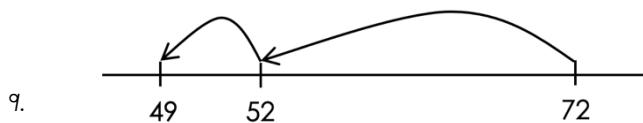
5. $18 + \boxed{\quad} = 42$

6. $73 - \boxed{\quad} = 58$

7. $53 - 24 = 53 - \boxed{\quad} - 4$



$27 + \boxed{\quad} + 6 = 63$

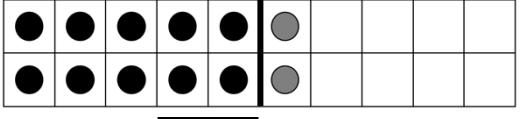
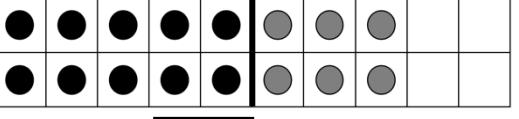
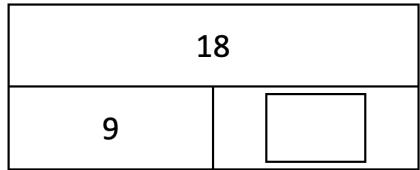
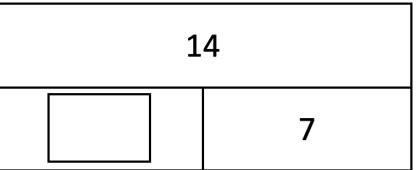
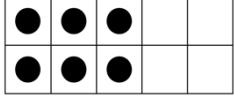
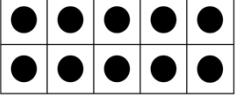


$72 - \boxed{\quad} - 3 = 49$

10. $86 - \boxed{\quad} = 86 - 20 - 9$

Igama:

Ukubuyeleta kibili nokuhafula phakathi: Iphepha lokusebenzela loku-

<p>I.</p>  $6 + 6 =$ <input type="text"/>	<p>II.</p>  $8 + 8 =$ <input type="text"/>
<p>2. Ihafu ye-12 = <input type="text"/></p>	<p>12. $11 \times 2 =$ <input type="text"/></p>
<p>3. $9 + 9 =$ <input type="text"/></p>	<p>13. Ihafu ye- <input type="text"/> = 8</p>
<p>4. i-7 nalibuyeletwa kibili = <input type="text"/></p>	<p>14. ama-30 nakabuyeletwa kibili = <input type="text"/></p>
<p>5. <input type="text"/> $\times 2 = 16$</p>	<p>15. ama-50 nakabuyeletwa kibili = <input type="text"/></p>
<p>6. </p>	<p>16. </p>
<p>7. i-10 nalibuyeletwa kibili = <input type="text"/></p>	<p>17. Ihafu yama-40 = <input type="text"/></p>
<p>8. </p> <p>Ihafu yesi-6 = <input type="text"/></p>	<p>18. </p> <p>Ihafu ye-10 = <input type="text"/></p>
<p>9. $12 \div 2 =$ <input type="text"/></p>	<p>19. Ihafu yama-70 = <input type="text"/></p>
<p>10. Ihafu ye-14 = <input type="text"/></p>	<p>20. $2 \times 70 =$ <input type="text"/></p>

Igama:

Ukubuyeleta kibili nokuhafula phakathi: Iphepha lokusebenzela lesi-2

I. Ama-32 nakabuyeletwa kibili ma- <input type="text"/>	II. Ama-44 nakabuyeletwa kibili ma- <input type="text"/>
2. $26 \times 2 =$ <input type="text"/>	12. $38 \times 2 =$ <input type="text"/>
3. $42 \div 2 =$ <input type="text"/>	13. $86 \div 2 =$ <input type="text"/>
4. Ihafu ye-110 = <input type="text"/>	14. Ihafu ye-104 = <input type="text"/>
5. Ama-23 nakabuyeletwa kibili = <input type="text"/>	15. Ama-39 nakabuyeletwa kibili = <input type="text"/>
6. Ihafu yama-36 = <input type="text"/>	16. Ihafu yama-48 = <input type="text"/>
Ama-31 nakabuyeletwa kibili ma-62	Ama-49 nakabuyeletwa kibili ma-98
7. $2 \times 31 =$ <input type="text"/>	17. $2 \times 49 =$ <input type="text"/>
8. Ihafu yama-62 ma- <input type="text"/>	18. Ihafu yama-98 ma- <input type="text"/>
9. $31 + 32 =$ <input type="text"/>	19. $49 + 48 =$ <input type="text"/>
10. Ama-31 nakabuyeletwa kibili = $30 + 30 +$ <input type="text"/>	20. Ama-49 nakabuyeletwa kibili = $50 + 50 -$ <input type="text"/>

Igama:

Ukut jhideza et jhumini nokulungisa: Iphepha lokusebenzela loku-l

1.	$46 + 40 =$ <input type="text"/>	II.	$21 - 3 =$ <input type="text"/>
2.	$57 - 10 =$ <input type="text"/>	12.	$28 + 3 =$ <input type="text"/>
3.	$32 - 3 =$ <input type="text"/>	13.	$26 + 30 =$ <input type="text"/>
4.	$71 - 2 =$ <input type="text"/>	14.	$15 + 50 =$ <input type="text"/>
5.	$167 - 70 =$ <input type="text"/>	15.	ama-20 nakabuyeletwa kibili = <input type="text"/>
6.	$38 =$ <input type="text"/> $- 2$	16.	$19 =$ <input type="text"/> $- 1$
7.	$68 +$ <input type="text"/> $= 70$	17.	$32 -$ <input type="text"/> $= 30$
8.	$99 = 100 -$ <input type="text"/>	18.	$49 +$ <input type="text"/> $= 50$
9.	ama-200 nakabuyeletwa kibili = <input type="text"/>	19.	$27 = 30 -$ <input type="text"/>
10.	Zungelezela inambalayini et jengisa $28 + 9$	20.	Zungelezela inambalayini et jengisa $56 - 9$

Igama:

Ukut jhideza et jhumini nokulungisa: Iphepha lokusebenzela lesi-2

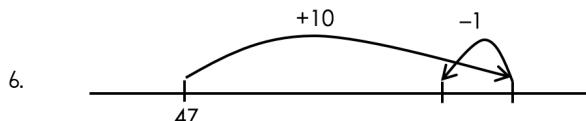
1. $56 + 29 = \boxed{}$

2. $54 - 38 = \boxed{}$

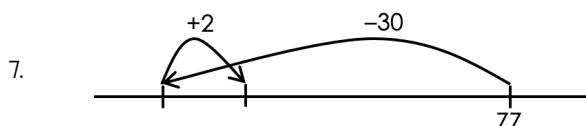
3. $45 + 37 = \boxed{}$

4. $325 - 99 = \boxed{}$

5. $47 + 49 + 48 = \boxed{}$



$$47 + \boxed{} = 47 + 10 - 1$$



$$77 - 28 = 77 - 30 + \boxed{}$$

8. $66 + 28 = 66 + \boxed{} - 2$

9. $95 - 39 = 95 - \boxed{} + 1$

10. Zungelezela umut jho wenomboro onikela ipendulo efanako nale:

$$80 - 39$$

$$80 + 40 - 1$$

$$80 + 40 + 1$$

$$80 - 40 + 1$$

$$80 - 40 - 1$$

Igama:

Ukuhlela kabut jha: Iphepha lokusebenzela loku-l

<p>1. Zungelezela iinomboro ezimbili naziħlanganiswako zenza i-10.</p> <p>8 6 2 7 5</p>	<p>11. $100 + 57 = \boxed{}$</p>
<p>2. Zungelezela iinomboro ezimbili naziħlanganiswako zenza i-10</p> <p>7 5 4 6 9</p>	<p>12. $2 \times 6 = \boxed{}$</p>
<p>3. $8 + \boxed{} = 10$</p>	<p>13. Zungelezela iinomboro ezimbili naziħlanganiswako zenza ama-30.</p> <p>9 16 21 7 12</p>
<p>4. $7 + 13 = \boxed{}$</p>	<p>14. Zungelezela iinomboro ezimbili naziħlanganiswako zenza ama-30.</p> <p>17 5 13 8 12</p>
<p>5. Zungelezela iinomboro ezimbili naziħlanganiswako zenza i-100.</p> <p>36 59 64 45 73</p>	<p>15. $60 \times 2 = \boxed{}$</p>
<p>6. Zungelezela iinomboro ezimbili naziħlanganiswako zenza i-100.</p> <p>45 87 37 55 62</p>	<p>16. $120 + \boxed{} = 128$</p>
<p>7. $20 = 8 + \boxed{}$</p>	<p>17. Zungelezela iinomboro ezimbili naziħlanganiswako zenza ama-20.</p> <p>11 14 6 7 19</p>
<p>8. $\boxed{} + 6 = 20$</p>	<p>18. Zungelezela iinomboro ezimbili naziħlanganiswako zenza ama-20.</p> <p>15 12 8 4 11</p>
<p>9. </p>	<p>19. $87 + \boxed{} = 100$</p>
<p>10. $26 + 12 = \boxed{}$</p>	<p>20. $24 + 16 = \boxed{}$</p>

Igama:

Ukuhlela kabutjha: Iphepha lokusebenzela lesi-2

1. $8 + 94 = \boxed{}$

2. $11 + 27 + 19 = \boxed{}$

3. $99 + 198 + 2 + 1 = \boxed{}$

4. $48 + 23 + 12 = \boxed{}$

5. $56 + 115 + 25 = \boxed{}$

6. $2 \times 9 \times 5 = \boxed{}$

7. $3 \times 10 = 10 \times \boxed{}$

8. $9 + 93 = 93 + \boxed{}$

9. $91 + 37 + 9 = 100 + \boxed{}$

10. $99 + 96 + 1 + \boxed{} = 200$

11. Zungelezela iinomboro ezimbili ezihle khulu ukuzihlanganisa maqangi esedeni le:

74 26 83

Zungelezela iinomboro ezimbili ezihle khulu ukuzibuyabuyeleta maqangi esedeni

12. le:

2 38 5

Igama:

Ukuhlobanisa ukuhlanganisa nokukhupha: Iphepha lokusebenzela loku-l

1. $67 + \boxed{\quad} = 72$

Zalisa 17, 3 nama-20 ngemit jhweni yeenomboro engenzasi (11 – 14).

17	3
20	

2. $54 - 6 = \boxed{\quad}$

11. $\boxed{\quad} - 3 = \boxed{\quad}$

3. $78 + 7 = \boxed{\quad}$

12. $\boxed{\quad} + 3 = \boxed{\quad}$

4. $26 + \boxed{\quad} = 34$

13. $\boxed{\quad} - \boxed{\quad} = 3$

5. $99 + \boxed{\quad} = 102$

14. $3 + \boxed{\quad} = \boxed{\quad}$

Zalisa iinomboro ezintathu lezi ngemabhoksini:

6. $13 - 8 = 5$

$\boxed{\quad}$	$\boxed{\quad}$	$\boxed{\quad}$	$\boxed{\quad}$
$\boxed{\quad}$			

15. $198 + \boxed{\quad} = 202$

7. $206 - 8 = \boxed{\quad}$

16. $31 - \boxed{\quad} = 28$

8. $48 + \boxed{\quad} = 54$

17. $46 + 8 = \boxed{\quad}$

9. $81 - \boxed{\quad} = 78$

18. $55 + \boxed{\quad} = 63$

10. $39 + \boxed{\quad} = 44$

19. $64 - \boxed{\quad} = 59$

20. $65 + \boxed{\quad} = 72$

Igama:

Ukuhlobanisa ukuhlanganisa nokukhupha: Iphepha lokusebenzela lesi-2

1. $72 - 67 = \boxed{}$

4. $94 - 88 = \boxed{}$

2. $4 + \boxed{} = 303$

5. $302 - 298 = \boxed{}$

3. $\boxed{} - 63 = 6$

6.

	98

	103

$34 + 27 = 61$

$36 + 25 = 61$

$61 + 27 = 88$

7. $61 - 27 = \boxed{}$

8. $\boxed{} + 36 = 61$

Sebenzisa iinomboro ezintathu ezingenzasi ekubalisiseni okubili okuhlukileko kokukhupha:

$78 + 52 = 130$

9. $\boxed{} - \boxed{} = \boxed{}$

10. $\boxed{} - \boxed{} = \boxed{}$

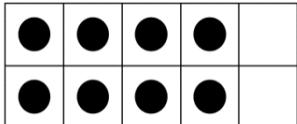
PRINT MASTERS: IINSIZA KUFUNDISA EZISEKELAKO

Igama:

Isifundo Esithomako soku-1 sokubuyeleta kibili nokuhafula phakathi: Umsebenzi womfundu ngamunye

Zalisa umut jho nof ana tlola imit jho yesithombe ngasinye.

1. ku-4 nakabuyeletwa kibili



Nakabuyeletwa kibili kwenza

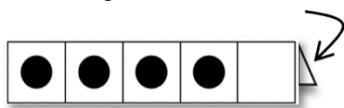
Inqhemha ezimbili zika- zenza

Kibili nakabuyabuyeletwa ka-

kwenza

$$\boxed{} \times 2 = \boxed{}$$

2. Ihafu yobu-8



Ihafu yobu- nguku-

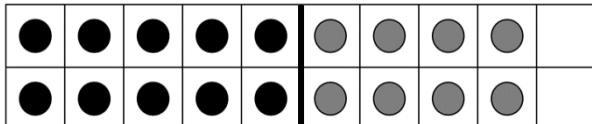
ubu-8 nabuhlukaniswa ka-2 benza

ubu-8 nababiwa hlangana nababili

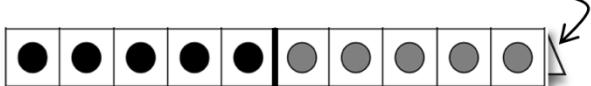
buba ngu-

$$\boxed{} \div 2 = \boxed{}$$

3. i-9 nalibuyeletwa kibili



4. Ihafu yama-20



5. Buyelela kibili

Gwala amaqat jhazi wenomboro yakho:



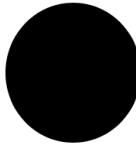
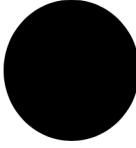
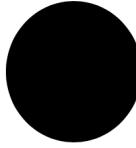
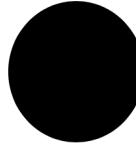
6. Ihafu ye-

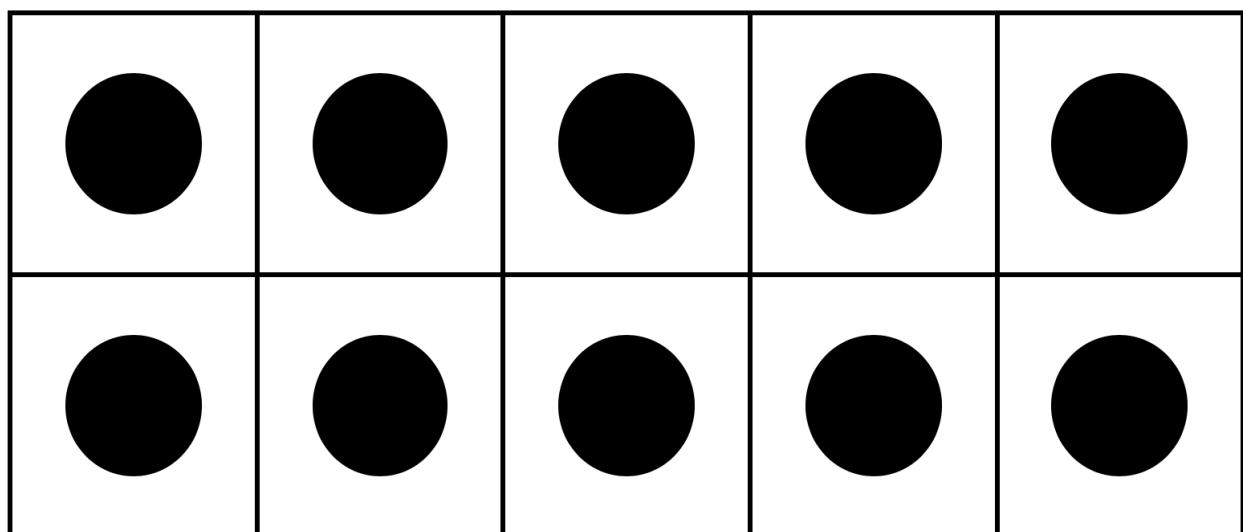
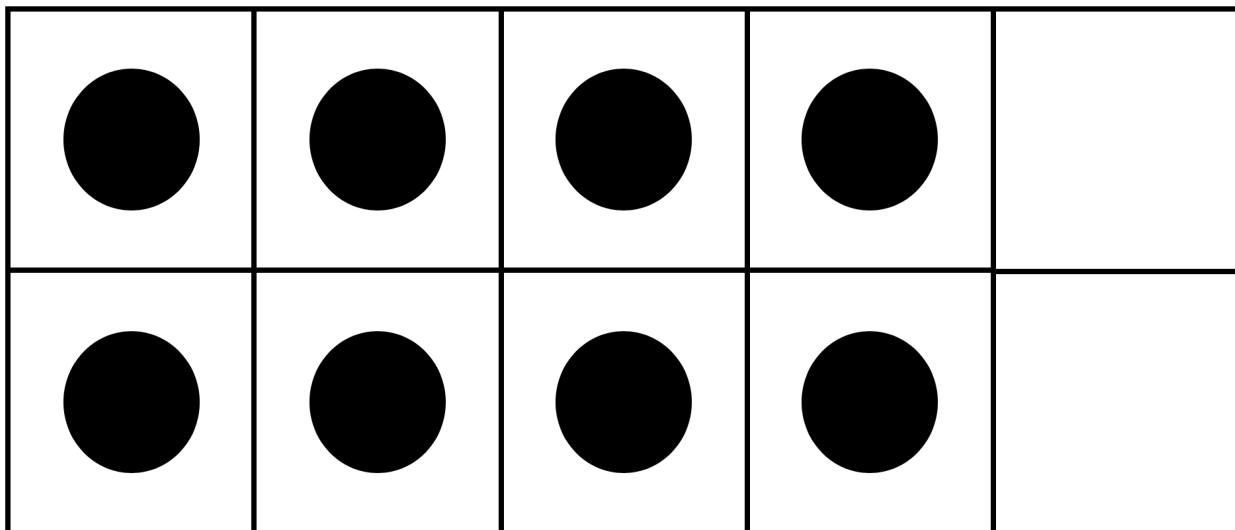
Gwala amaqat jhazi wenomboro yakho:

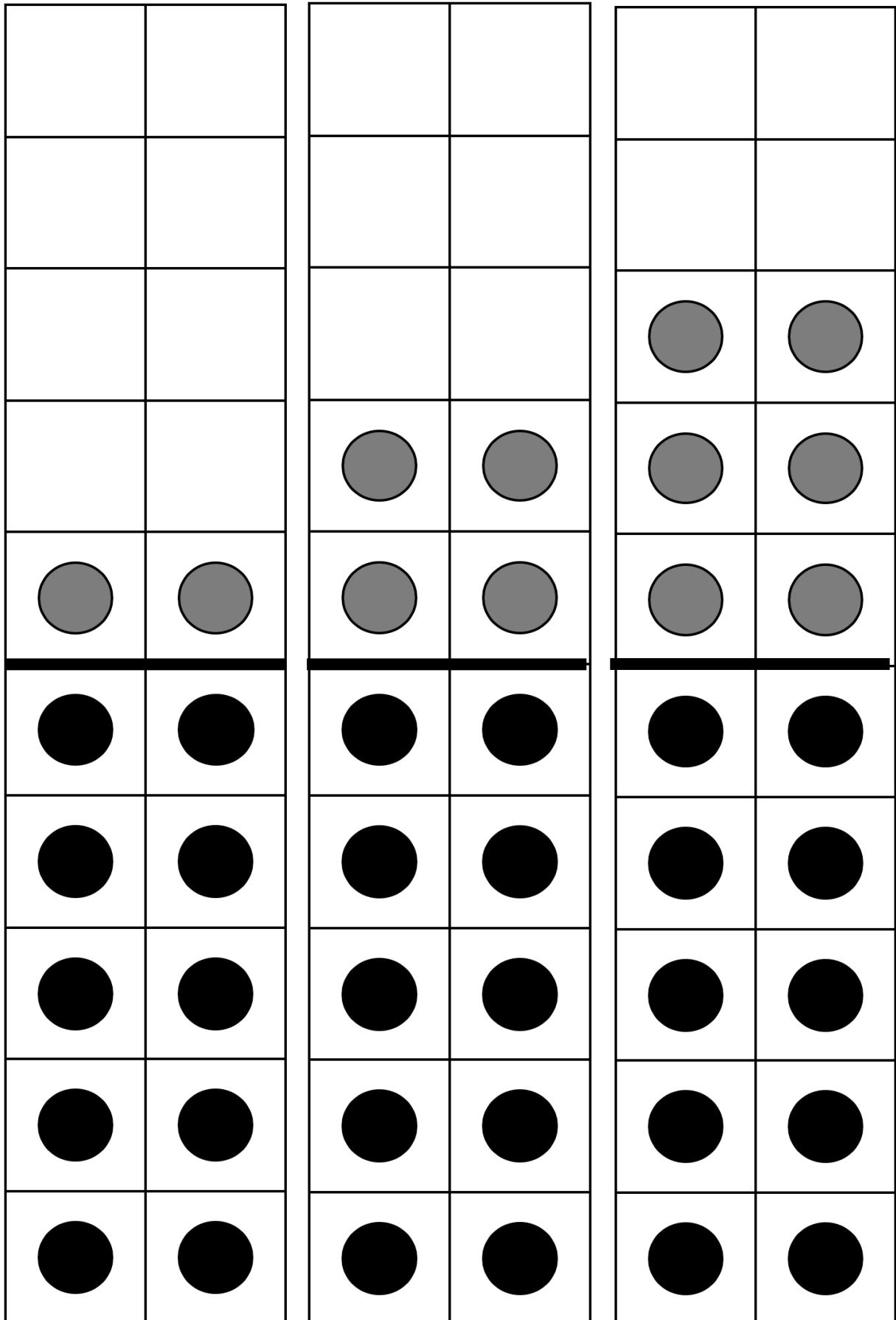


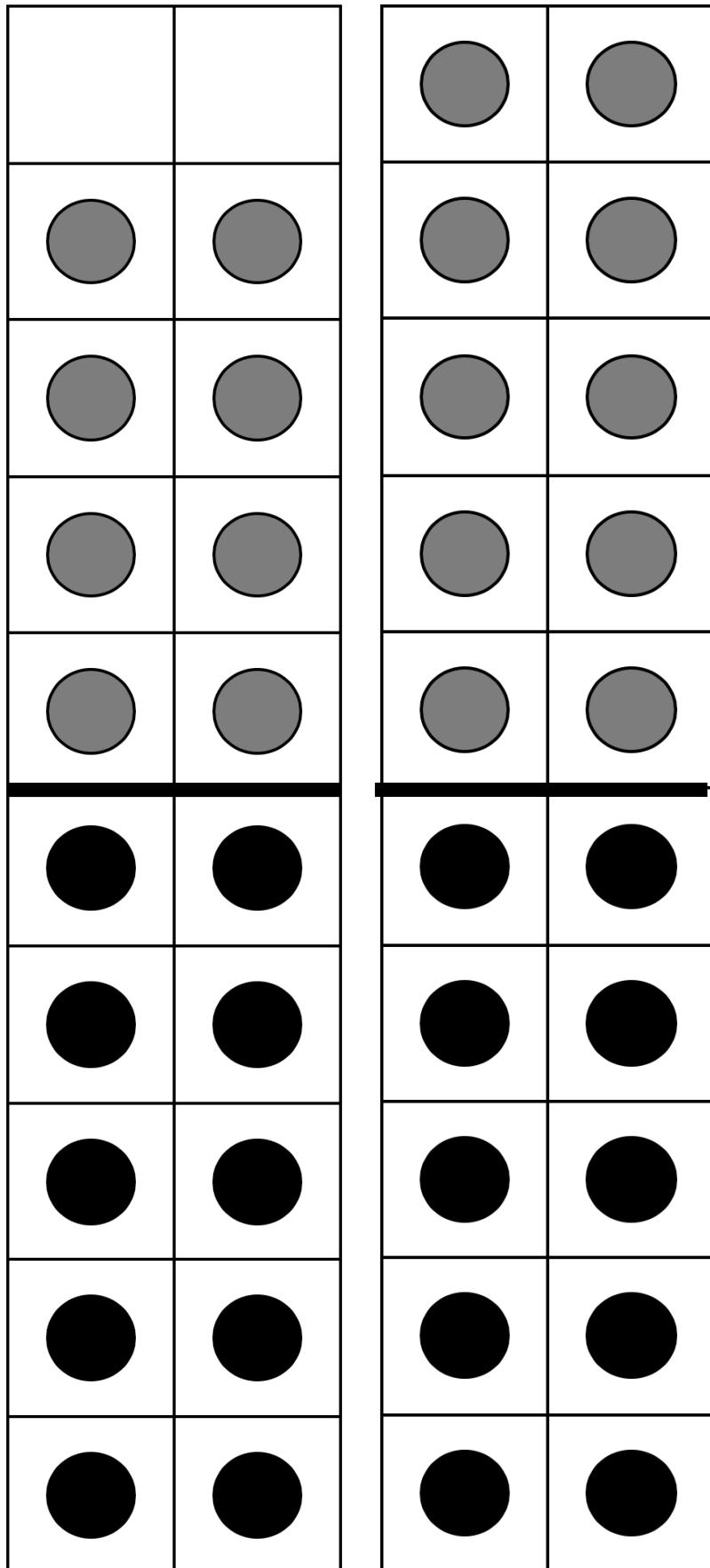
UKUBUYELELA KABILI NOKUHAFULA PHAKATHI: AMAKARADA WAMAQATJHAZI ABUYELELWE KABILI AGADANGISIWEKO

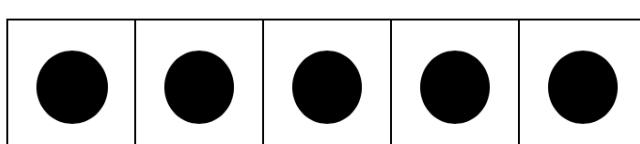
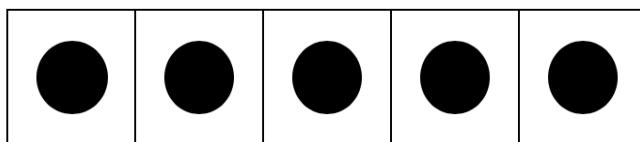
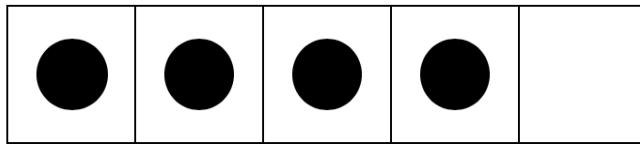
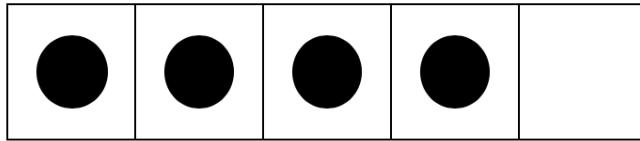
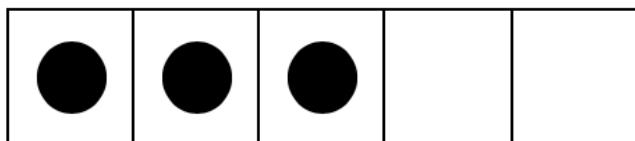
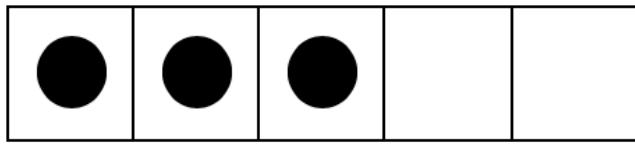
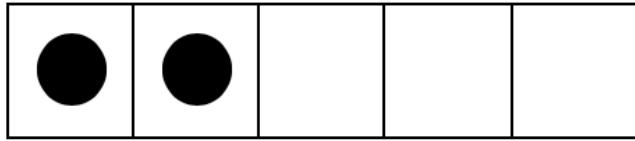
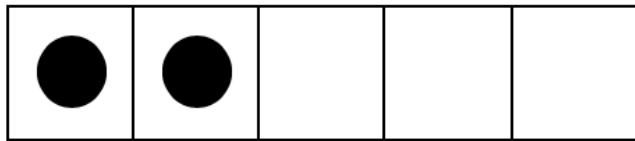
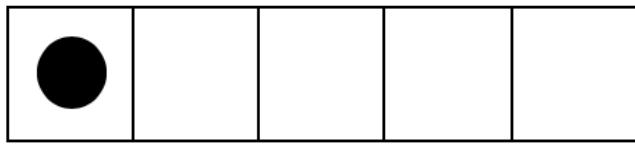
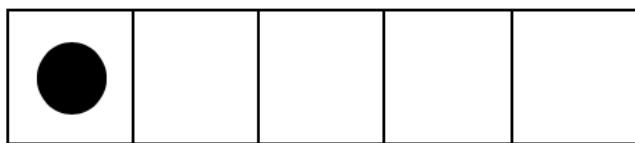
Gadangisa bewulamineyithe amakarada lawa ukwenzela ukuwasebenzisa eemfundweni ezithomako zokubuyeleta kabi nokuhafula phakathi.

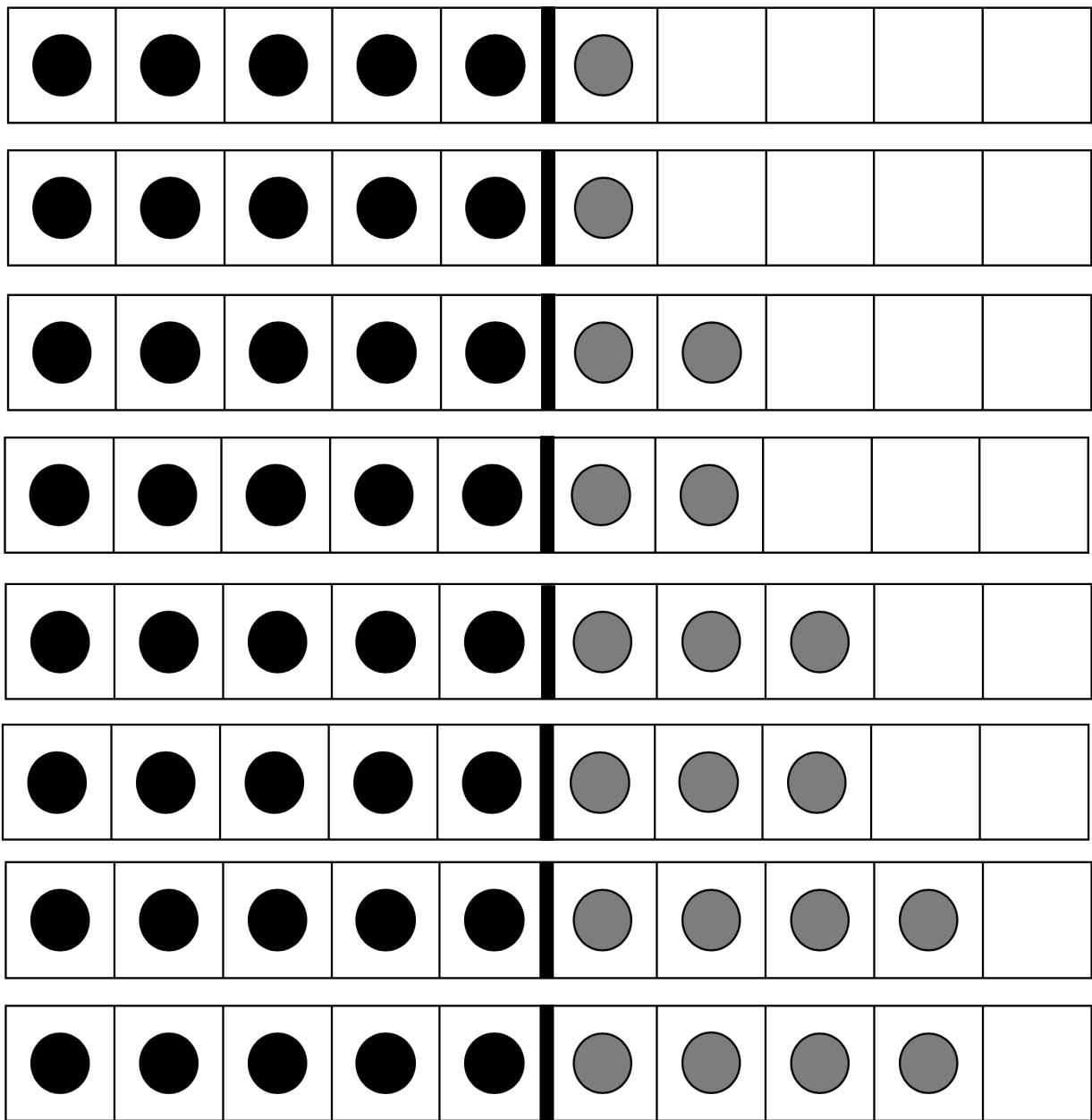
				
				
				
				
				
				

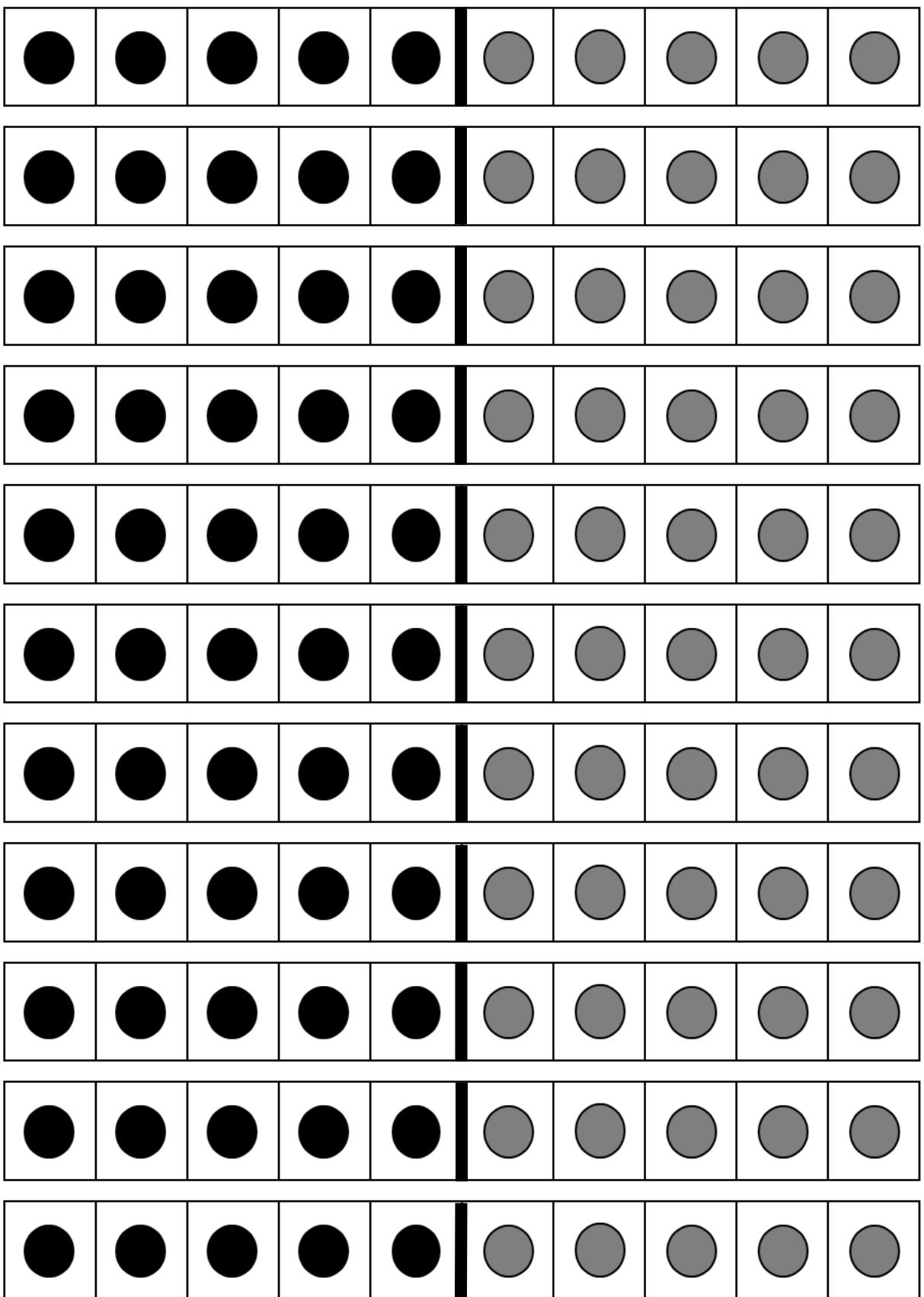




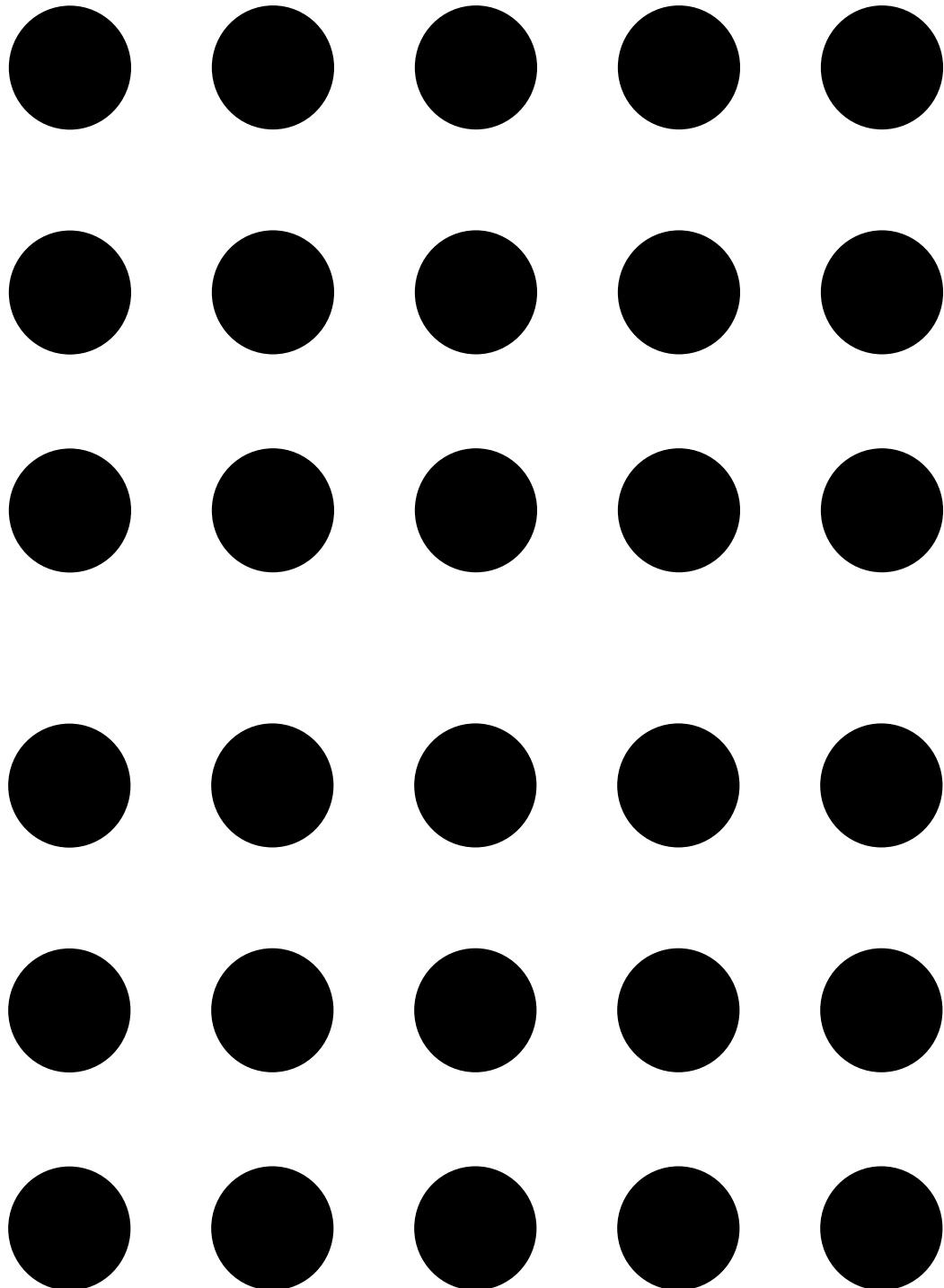


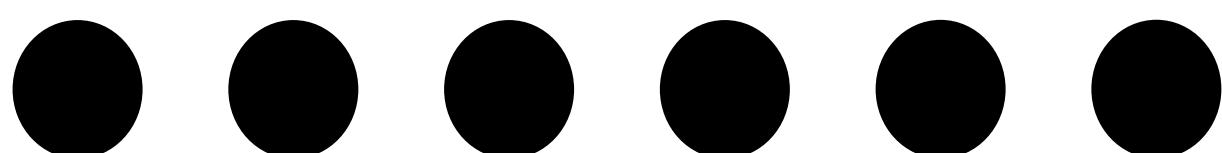
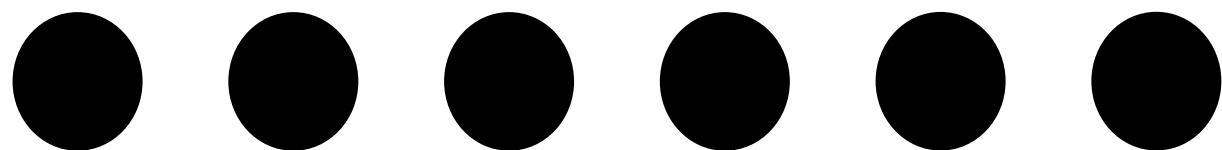
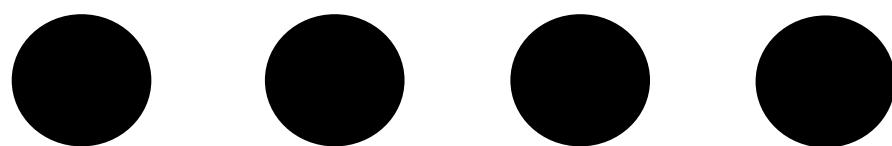
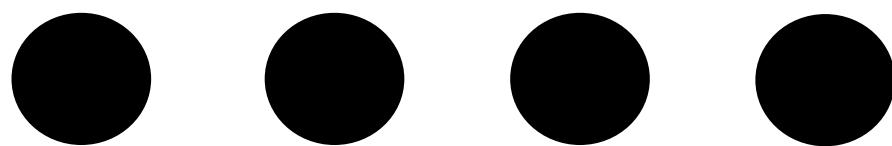
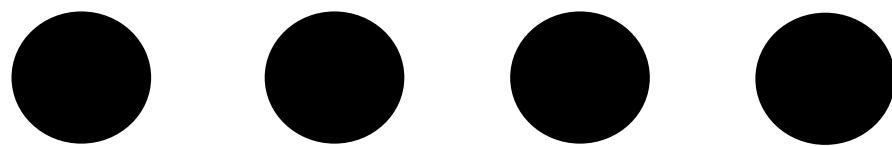
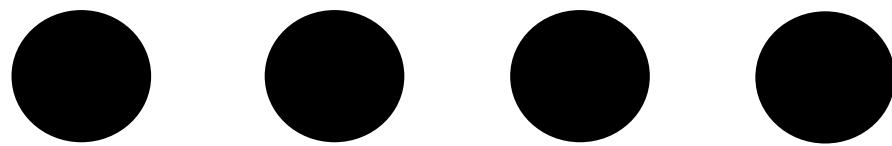
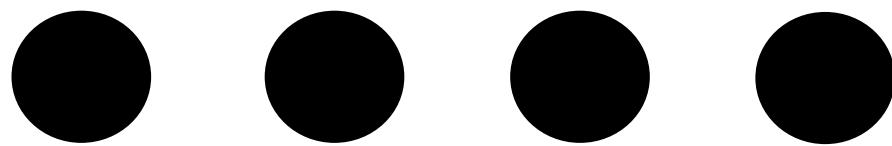


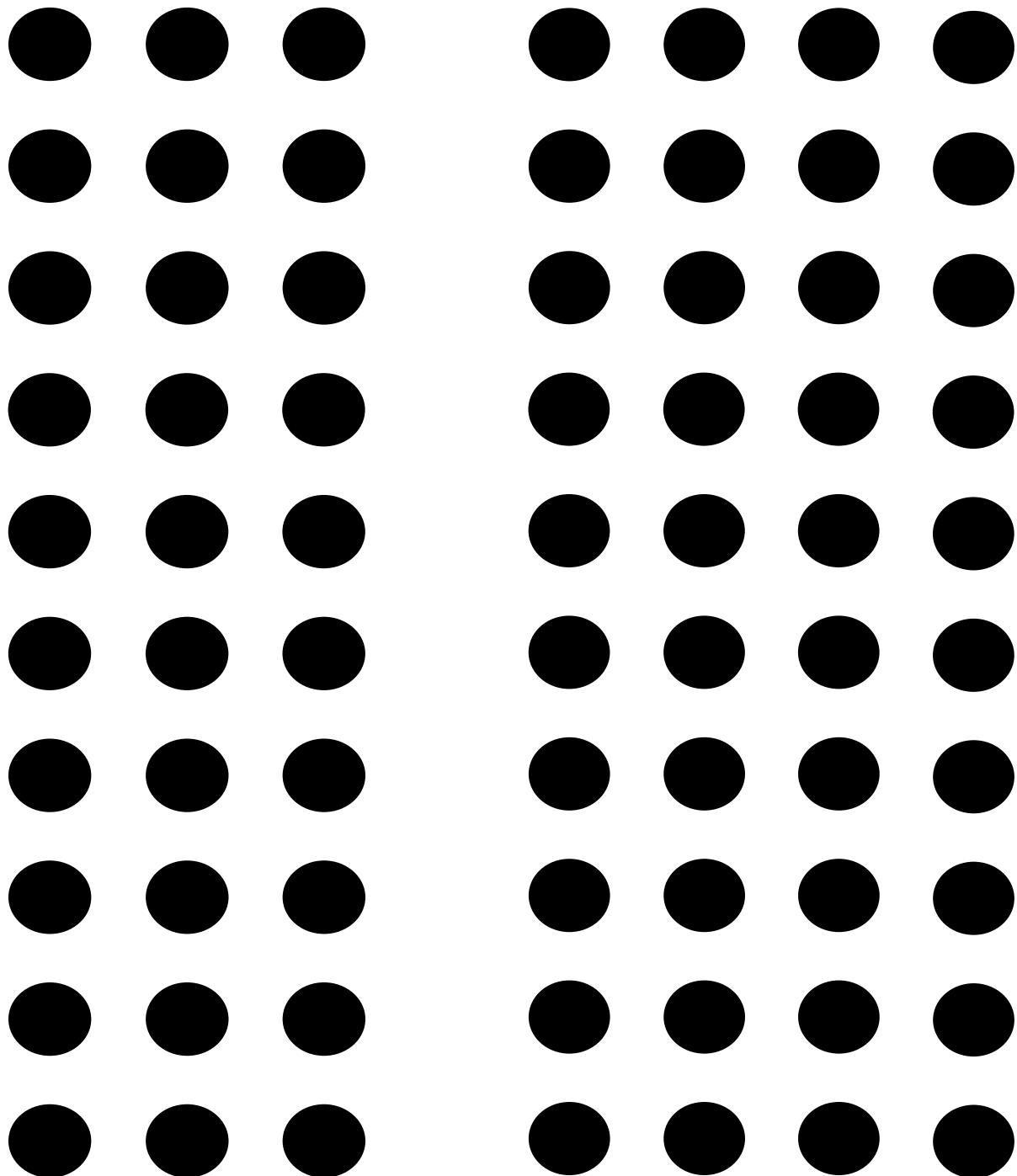




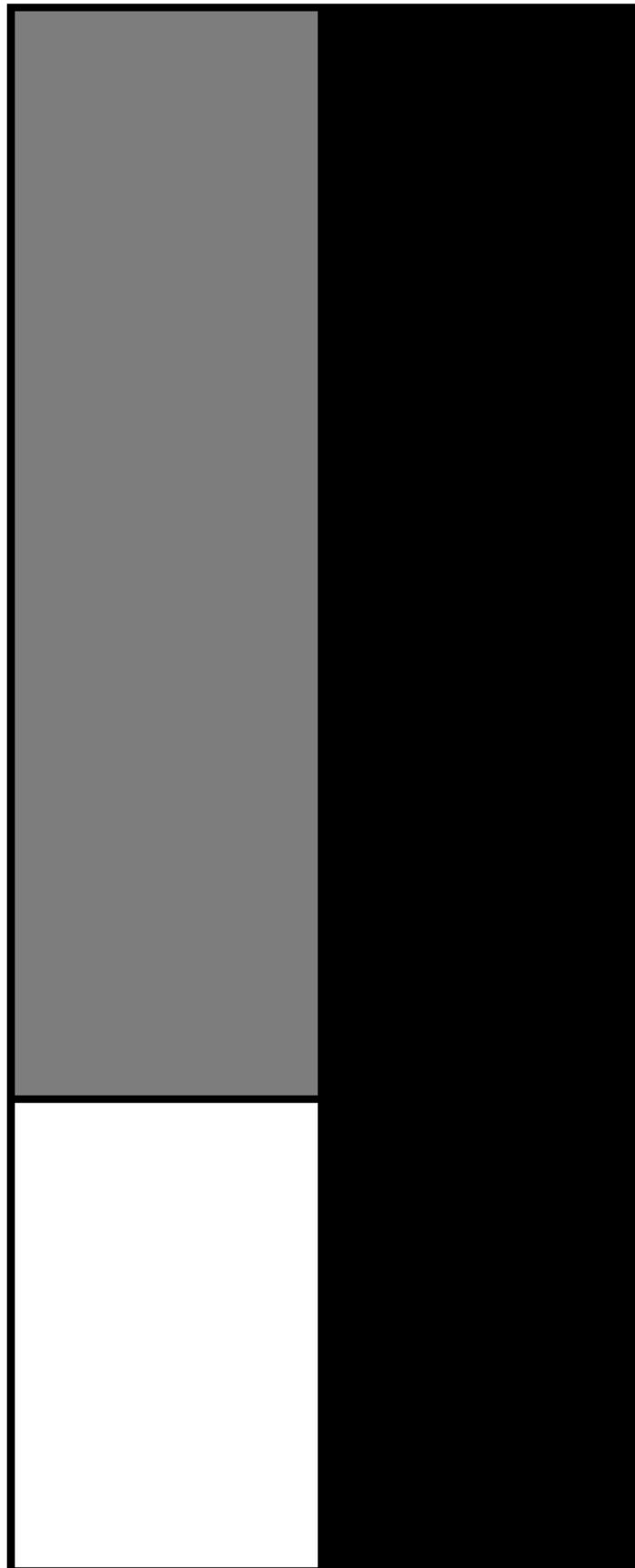
UKUHLELA KABUTJHA: IMIDA NAMAKHOLOMU WAMACATJHAZI
AGADANGISIWEKO, ISIFUNDO ESITHOMAKO SESI-6







UKUHLOBANISA UKUHLANGANISA NOKUKHUPHA: IBHA-DAYAGRAMU
EGADANGISIWEKO



Kulu

Ncani

Ncani

Igama:

Isifundo Esithomako soku-l sokuhlobanisa ukuhlanganisa nokukhupha: Umsebenzi womfundu ngamunye

Tlola amagama athi Kulu, Ncani begodu Ncani eduze namabha edayagramini engenzasi:

3	6
9	

Beka itshwayo (\checkmark) eduze nemit jho yeenomboro eliqiniso/ekungiyo begodu isiphambano eduze kwemit jho yeenomboro emamala/ ekungasiyo (X):

$$3 + 6 = 9 \quad 6 - 3 = 9$$

$$9 = 6 + 3 \quad 9 - 3 = 6$$

$$6 + 9 = 3 \quad 3 = 9 - 6$$

$$6 + 3 = 9 \quad 9 - 6 = 3$$

$$3 + 9 = 6 \quad 3 - 6 = 9$$

Igama:

Isifundo esithomako sesi-3 sokuhlobanisa ukuhlanganisa nokukhupha: Umsebenzi womfundu ngamunye

Tlola imit jho yeenomboro elandelako ebha-dayagramini ekungiyo ngenzasi. Beso utlola imit jho yeenomboro emine yokuhlanganisa begodu nemine yokukhupka yenomboro yomndeni ngamunye.

$$5 + 5 = 10 \quad 3 + 4 = 7 \quad 11 + 1 = 12 \quad 9 = 2 + 7$$

Yelela bonyana $5 + 5 = 10$ inemit jho emibili yokuhlanganisa neyokukhupha kwaphela.

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