

Ukufunda ngoMthethosisekelo weRiphabliki yeSewula (1996)

UMthethosisekelo weSewula Afrika (1996) umumethe imithetho yenarha eseqophelweni eliphezulu. Imithetho le kumele ilandelwe ngumongameli wenarha, abaphathi beenkundla zemithetho kanye nalabo abasembusweni.

Imithetho le ihlathulula kobana abantu benarha bafenele baphathane njani, ukuthi ngimaphi amalungelo wabo nokuthi ngiziphi iimbopho abanazo. UMthethosisekelo wenzelwe ukusivikela soke thina kanye nabentwana bethu ngomuso.

Kuqakathekile ukwazi izehlakalo zesikhathini esidlulile ko.

Asingabu yeleli iimphoso zangesi khathi esidlulile ko.

UMthethosisekelo usisiza ukucabanga nok wakha ilingomuso elingcono lethu soke.

Thina, abantu beSewula Afrika;

Siyakwazi ukungaphatheki kwethu ngokomthetho esikhathini esadlulako;

Siphathela phezulu abahlukunyezwa ngebanga lokobana kubenokulunga begodu nekululeko enarheni yekhethu;

Sihlonipha labo abasebenze ekwakheni begodu nekuthuthukiseni iphasi lekhetu; begodu

Bakholelwa bonyana iSewula Afrika ngeyabo boke abahlala kiyo, sibambene ngokwahlukahlukana kwethu.

Ngalakho-ke, ngabajameli bethu abakhethwe ngokukhululekileko; samukela uMthetho-sisekelo lo njengoMthetho wokuthoma weRiphabliki oza—

Kuqeda ukwahlukana okwadlulako begodu sakhe umphakathi ozokuzimelela kuminqopho yentando yenengi ubulungiswa begodu namalungelo wangokomthetho wobuntu.

Ukubeka isisekelo sentando yenengi begodu nomphakathi onzinzileko lapho umbuso unzinze khona phezu kwentando yesitjhaba begodu lapho zoke izakhamuzi zivikelwe khona ngokomthetho.

Ukwenza ncono izinga lepilo yazo zoke izakhamuzi begodu nokuvezwa kwekgono lawo woke umuntu;

Ukwakha, iSewula Afrika ebumbeneko begodu nenentando yenengi ezokwazi ukuthatha indawo yayo njengenarha ezijameleko emndenini weentjhabatjhaba.

Funa ngekani amalungelo wakho njengesakhamuzi seSewula Afrika bewube nesibopho sokuvikela amalungelo wabanye abantu.

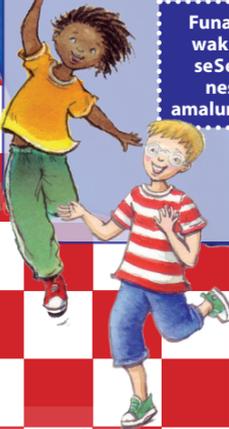
Ukwazi umThethomling wa wamalungelo Kanye nomThethomling wa weembopho.

UZimu akavikele abantu bekhethu.

Nkosi Sikelel' iAfrika. Morena boloka setjhaba sa heso.

God seën Suid-Afrika. God bless South Africa.

Mudzimu thatutshedza Afurika. Hosi katekisa Afrika.



ISBN 978-1-4315-0008-6



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**MATHEMATICS IN ISINDEBELE
GRADE 3 – BOOK 1
TERMS 1 & 2
ISBN 978-1-4315-0008-6**

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11th Edition



IMBALO NGESINDEBELE – IGreyidi 3 Incwadi 1

ISBN 978-1-4315-0008-6



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

IGreyidi **3**

Ibizo:

Itlasi:



IMBALO NGESINDEBELE

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Ithemu 1 & 2

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UKkz. Angie Motshekga,
nguNqongqotjhe
weFundo-Sisekelo



Dorh. Reginah Mhaule
nguSekela kaNqongqotjhe
weFundo-Sisekelo

Iincwadi lezi zenzelwe abantwana beSewula Afrika ngaphasi koburholi bakaNqongqotjhe wezeFundo-Sisekelo uMma u-Angie Motshekga kanye neSekela lakhe Dorh. Reginah Mhaule.

Iincwadi zokuSebenzela zakwaRainbow ziyingcenywe yeendlela ezinengi zomNyango wezeFundo-Sisekelo wokungenelela onqophe ukuthuthukisa ukusebenza ngcono kwabafundi beSewula Afrika kumagreyidi wokuthoma asithandathu. Njengamanye wamaHlelo womBuso aphuma phambili, iphrojekthi le isekelwe ngeemali ezibuya esiKhwameni seeMali seLizweloke. Lokhu kusize umNyango ukukhupha iincwadi zokusebenzela lezi ngawo woke amalimi asemthethweni ngaphandle kweendleko.

Siyathemba kobana nizokufunyanisa iincwadi zokusebenzela lezi zilisizo khulu ekufundiseni kwenu kwangamalanga kanye nokuqinisekisa kobana abafundi benu bayayiqeda ikharikhyulamu. Sitjheje khudlwana ukuhlela abotjhere komunye nomunye umsebenzi ngokusebenzisa iinthombe ezitjengisako bona ngikuphi umfundi amele akwenze.

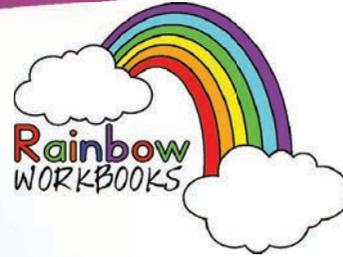
Siyathemba kobana abantwana bazokuthabela ukusebenzisa iincwadi lezi njengombana bakhula bebefunda nje, begodu wena titjhere uzokwabelana nabo ithabo lokufunda.

Sinifisela ipumelelo ekusebenziseni iincwadi lezi.



Igreyidi

3



NGESINDEBELE

Incwadi le ngeyaka:



ISINDEBELE

Incwadi



Ilanga:

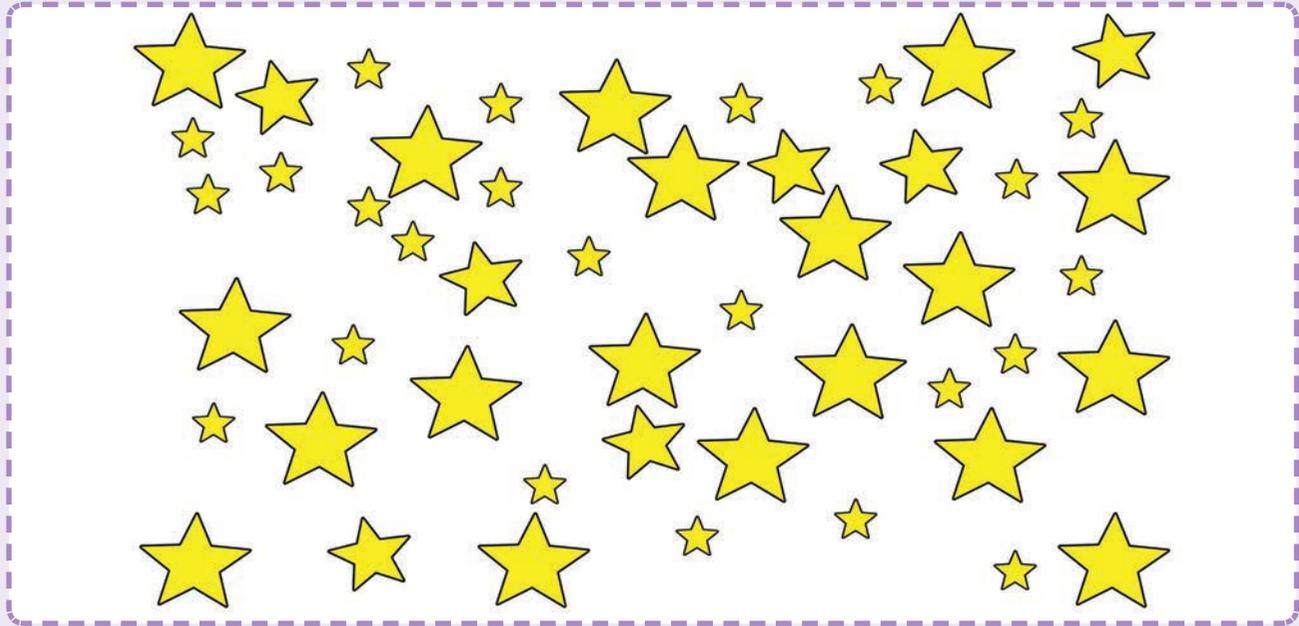
Balisisa, hlela bewutjengise!

Ithemu I



Ziinkwekwezi ezingaki?

Madanisa iimpendulo.



Linganisa kobana ziinkwekwezi ezingaki. _____

Kwanjesi zibale! _____



Thola othumbileko!

Ngubani olinganise kuhle khulu?

Zalisa amabizo wakho neempendulo etheyibuleni le.

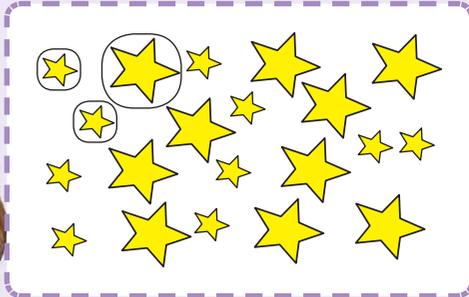
Ibizo				
Isilinganiso				
Inomboro ebaliweko				
Umehluko hlangana nesilinganiso sakho nokubala kwakho				



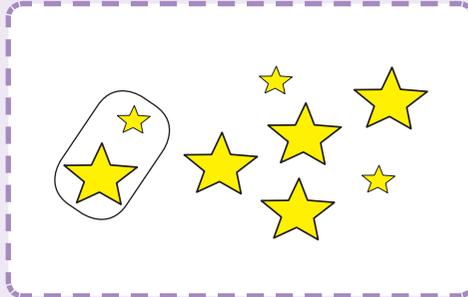
Iindlela zokubala. Sisiza ukuzitlola.



Ngibale ngaku-1.



1, 2, 3, _____

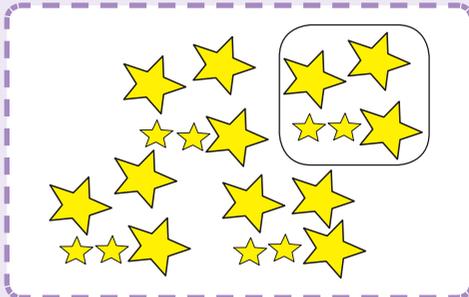


2 _____

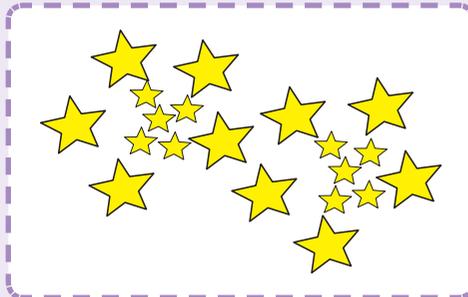


Ngibale ngaku-2.

Ngibale ngaku-5.



5 _____





Ngibale nge-10.



Tlola iinomboro zemitjho

Tlola imitjho emibili ukunikela ithothali yesibalo seenkwekwezi ezikulu nezincani ezisekasini le-2. Zitlole ngeendlela ezimbili.

Lokha nawuhlanganisa iinomboro ezinye nezinye ezimbili akwenzi litho kobana zilandelana njani.

Ekulu Encani Ngendlela le *namkha* ngendlela le



godu njengenomboro yomitjho.

_____ + _____ = _____ *namkha* _____ + _____ = _____

Teacher: _____
Sign: _____
Date: _____

2

Ilanga: _____

Ukubala okuhlakaniphileko

Ithemu I



Bala amathanga

Fumana indlela elula yokwabala.

A large dashed box containing 10 columns of pumpkins for counting. The columns contain the following number of pumpkins from left to right: 10, 2, 10, 10, 10, 10, 10, 10, 10, 10, 10.

Ipendulo: _____



Paka amathanga

Amathanga alitjumi angena ngemgodleni munye.



Mingaki imigodla? _____

Kusele amathanga amangaki? _____

Kutlhogeka amathanga amangaki ukuzaliselela umgodla owodwa ngaphezulu? _____



Kusukela ku- + ukuya ku- ×
(ukhlanganisa ukuya ekubuyabuyeleleni)
Zaliselela iinomboro zomutjho.

Isibonelo:

$$10 + 10 + 10 + 10 = 40 \Rightarrow 4 \text{ ezinengi ezili-}10 = 40 \Rightarrow 4 \times 10 = 40$$



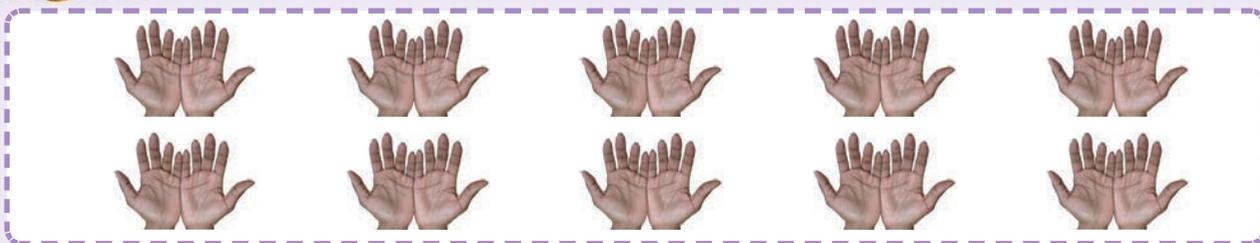
a. $10 + 10 + 10 = \underline{\hspace{2cm}}$
 $\underline{\hspace{2cm}}$ ngeenqhema ze-10 = $\underline{\hspace{1cm}}$ \Rightarrow $\underline{\hspace{1cm}}$ \times $\underline{\hspace{1cm}}$ = $\underline{\hspace{2cm}}$



b. $10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = \underline{\hspace{2cm}}$
 $\underline{\hspace{2cm}}$ ngeenqhema ze-10 = $\underline{\hspace{1cm}}$ \Rightarrow $\underline{\hspace{1cm}}$ \times $\underline{\hspace{1cm}}$ = $\underline{\hspace{2cm}}$



Izandla nemino



Izandla ezingaki? $\underline{\hspace{2cm}}$

Imino emingaki? $\underline{\hspace{2cm}}$

Tlola ipendulo yakho ngeendlela ezi-2.

$\underline{\hspace{2cm}}$ ngeenqhema ze-10 = $\underline{\hspace{1cm}}$

begodu $\underline{\hspace{1cm}}$ \times 10 = $\underline{\hspace{2cm}}$



Teacher: _____
 Sign: _____
 Date: _____

3a

Ilanga:

Iinomboro phezu kwebhordo lamakhulu

Iinomboro ezikhulumako

Bala bewutjho zoke iinomboro kusukela ku-1 – 100. Khomba nawulokhu ukhamba.



1	2	3	4	5	6		8	9	10
11									
						27			
			34						40
41									
				55					
		63							
71									
					86				
			94						100



- Tlola inomboro etlhayelako ngebhlogweni ngalinye elihlaza kwesibhakabhaka.
- Tlola ngaphakathi kwezinye iinomboro.
- Sizibiza ngaliphi iinomboro ezisarulani?



Tlola iinomboro ngamagama

90	amatjhumu athobako	41	
77		56	
14		65	

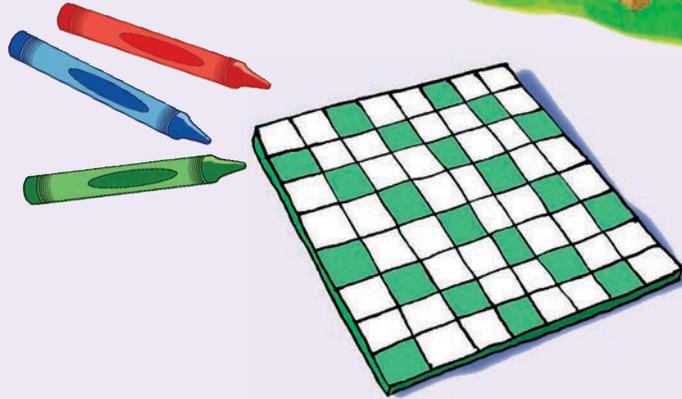
Ithemu 1





Ukubala nokukhalara

Lungela ukubala umbala!



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



Teacher: _____
 Sign: _____
 Date: _____

11 12 13 14 15 16 17 18 19 20

3b

Ilanga:

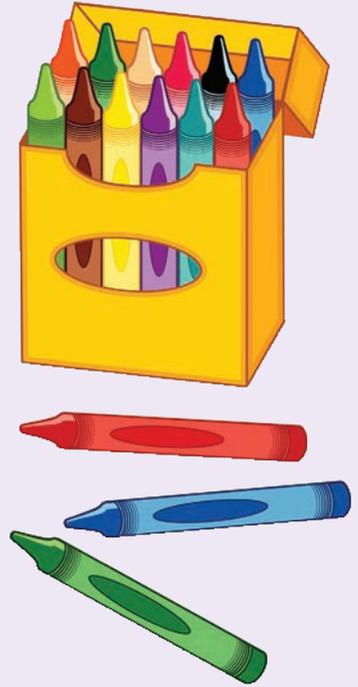
Iinomboro phezu kwebhordo lamakhulu (ziragela phambili)

Ithemu 1



Qala amaphetheni

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



Thikha (✓) woke ama-10.	Tshwaya koke (X) okungaku-5 ngokubeka isiphambano.	Ndulungela (O) koke okungaku-2.
-------------------------	--	---------------------------------

Tlola iinomboro ezimaphetheni wangaku-2 nezingaku-5.



Amaphetheni wokubala

Zalisa iinomboro ezitlhayelako.

0; 10; 20; _____; _____; 50; _____; _____; 80; _____; 100; _____;
 _____; 130; _____; _____; 160; _____; _____; _____; 200

0; 5; 10; _____; _____; 25; _____; _____; 40; _____; 50; 55; _____;
 _____; 70; _____; _____; 85; _____; _____; 100

0; 2; 4; 6; _____; _____; 12; _____; _____; 18; _____; 22; 24; _____;
 _____; 30; _____; _____; 36; 38; _____; _____; _____; 46; _____;

0; _____; 8; _____; 16; 20; _____; 28; _____; 36; _____; _____; _____;
 52; _____; _____; 64; _____; 72; _____; 80

0; _____; 10; _____; 20; _____; 30; _____; 40; _____; _____; 55;
 60; _____; 70; 75; _____; 85; _____; _____; 100

0; 3; _____; 9; _____; 15; 18; _____; 24; _____; _____; 33; _____; 39;
 _____; 45; _____; _____; 54; 57; _____; 63; _____; _____; 72; 75

Teacher: _____
 Sign: _____
 Date: _____

11 12 13 14 15 16 17 18 19 20

Ilanga:

4

Ubukhulu bedijidi

Ithemu 1



Tjengisani iinomboro zenu

Sika amakarada weenomboro kusukela enomborweni yaboSika-I. Sebenzisani amakarada ukwakha iinomboro lezi.

19

43

69

54

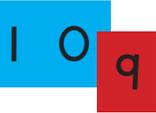
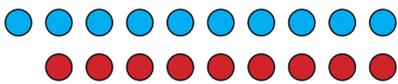
35

10

9

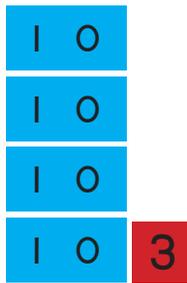
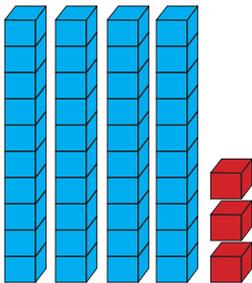


19



$10 + 9 = 19$

43



$40 + 3 = 43$

Kwanje zenzele wena ngokwakho ngeenomboro lezi usebenzise uSika-I.

54

35

69



Tlolani iinomboro lezi
Sesinenzele yokuthoma.

Singatjho godu
kobana abo-1
abali-9

19	$10 + 9$	itjhumi li-1 + 9 kanye	itjhumi nethoba
43			
69			
54			
35			
21			
73			
44			
32			
89			
17			
95			
56			
68			
67			



Tlolani iinomboro ezihlanu ngokulandelana kusukela kencani khulu
ukuya kekulu khulu

_____ ; _____ ; _____ ; _____ ; _____



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

5

Ilanga:

Ukuhlenganisa nokukhupha

Ithemu I



Isitolo sakaLebo

Ekuseni uLebo uneempakana ezima-19 zama-apula.

Ngesikhathi sesidlo semini sele asele neempakana ezili-13.



a. Ingabe uLebo uthengise iimpakana ezingaki? _____

b. Tlola ipendulo yakho njengenomboro yomutjho.

_____ - _____ = _____

Tlola enye inomboro yomutjho ukutjengisa ipendulo efanako.

$15 - 9 = 6$ _____



Nombora

Tlola iimpindulo.

$$1 + 2 = 3$$

Sebenzisa...

+ - =

$10 + 5 = \square$	$11 + 6 = \square$	$14 - 9 = \square$	$14 - 8 = \square$
$11 + 5 = \square$	$17 + 2 = \square$	$19 - 7 = \square$	$14 - 5 = \square$
$12 + 6 = \square$	$3 + 13 = \square$	$16 - 5 = \square$	$16 - 13 = \square$
$17 + 2 = \square$	$4 + 15 = \square$	$15 - 10 = \square$	$19 - 7 = \square$



Nombora imindeni

5

9

14

Nanzi iimbonelo zeenomboro yemindeni.

$9 + 5 = \underline{14}$	$5 + 9 = \underline{14}$
$\underline{14} - 9 = 5$	$\underline{14} - 5 = 9$



Uyayibona yoke imindeni yabo-14?

$1 + 13 = 14$	$13 + 1 = 14$	$14 - 1 = 13$	$14 - 13 = 1$
$2 + 12 =$			
$3 + 11 =$			
$4 + 10 =$			
$5 + 9 =$			
$6 + 8 =$			
$7 + 7 =$			



Ngiyokwenza okufanako nge-12.

12

$1 + 11 = 12$			
$2 + 10 = 12$			
$3 + 9 = 12$			
$4 + 8 = 12$			
$5 + 7 = 12$			
$6 + 6 = 12$			



Teacher: _____
 Sign: _____
 Date: _____

11 12 13 14 15 16 17 18 19 20

Ilanga:

6

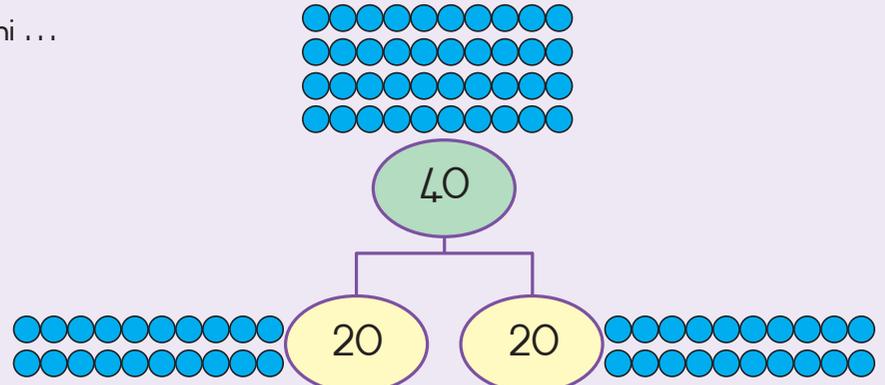
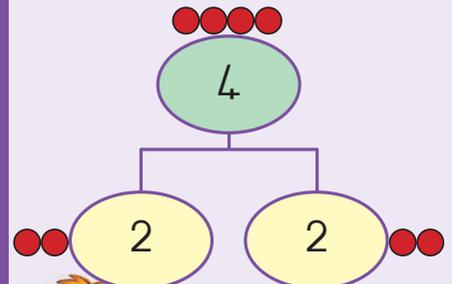
Ukubuyelelwa kabili nokuhafula

Ithemu I

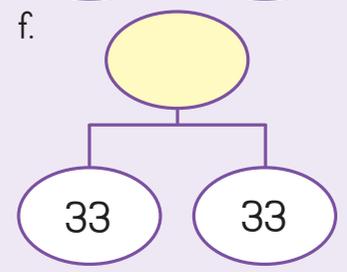
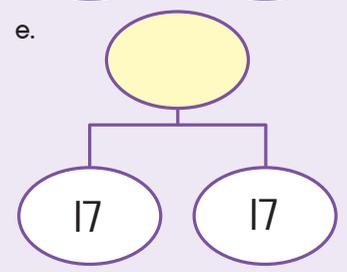
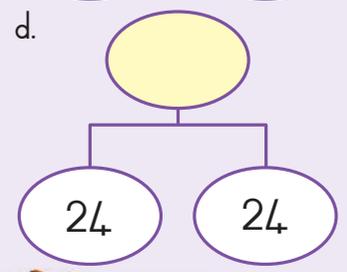
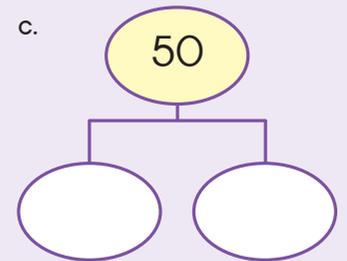
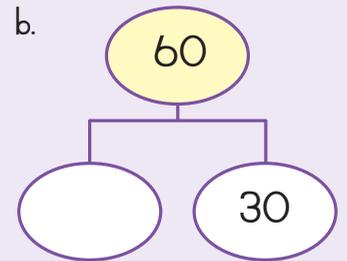
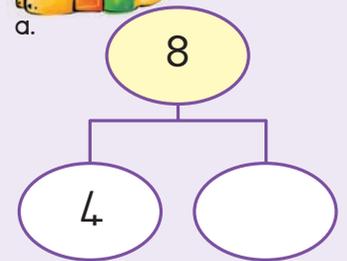
Niyakhumbula?
 Ukubuyelela ku-2 kwenza ku-4
 ku-4 kukubuyelelwa kabili kwaku-2

Ukubuyelela ku-20 kwenza ku-40
 ama-40 akubuyelelwa kabili kwama-20

Lokhu singakutjengisa emdwebeni ...



Fumanani okubuyelelwe kabili namkha abohafu



Iselele

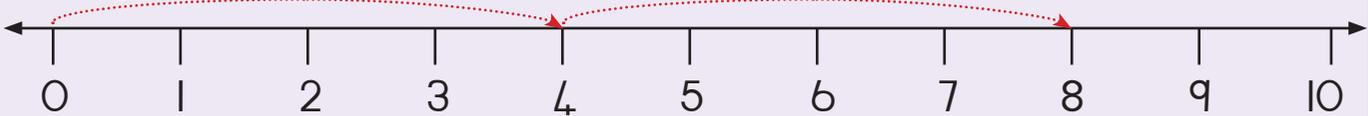
Fumanani ihafu yaku-3

Tjengisani njengenomboro namkha ibizo lenomboro.
Umqwalo ungakusiza.

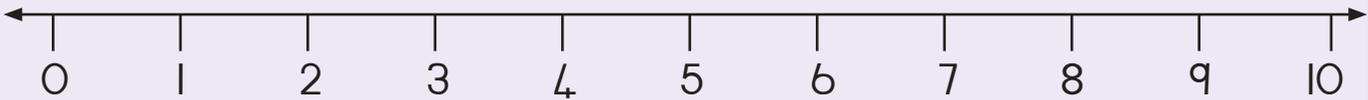


Buyelela inomboro usebenzise inambalayini.
Wenzelwe isibonelo.

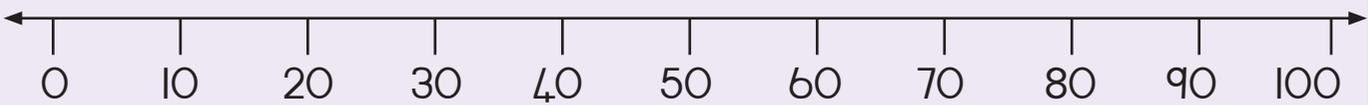
a. Buyelela abo-4 + =



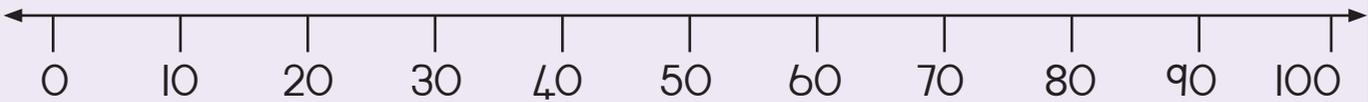
b. Buyelela abo-5 + =



c. Buyelela abo-20 + =



d. Buyelela abo-40 + =



Qedelela okulandelako

a. Buyelela abo-1	2
b. Buyelela abo-6	
c. Buyelela abo-10	
d. Buyelela abo-30	
e. Buyelela abo-50	



Qedelela okulandelako

a. Ihafu yaka-6	3
b. Ihafu yaka-8	
c. Ihafu yaka-14	
d. Ihafu yaka-60	
e. Ihafu yaka-70	



Teacher: _____
Sign: _____
Date: _____

Ilanga: _____

7



Amacezu

Ithemu I

Faka umbala ikotara yamabhaloni ngokubovu bese kuthi asalako abe ngokuhlaza sasibhakabhaka.

Faka umbala obuvo encenyeni eyihafu yebhoksi.



Qala amajamo. Tshwaya amajamo atjengisa abohafu.

Faka umbala engcenyeni enye nenye eyehlukaniswe yaba yihafu.



Qala amajamo. Tshwaya amajamo atjengisa amakota.

Faka umbala ikota enye nenye yamajamo ahlukaniswe aba makota.



Faka umbala ihafu yamajamo. Iyini ihafu yenani lamajamo?

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



Faka umbala ikota yamajamo. Iyini ikota yenani lamajamo?

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

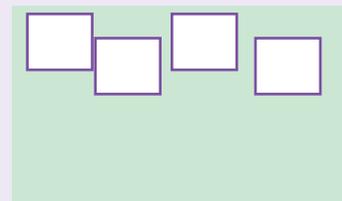
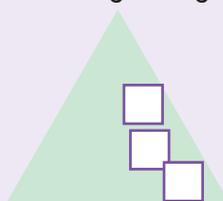
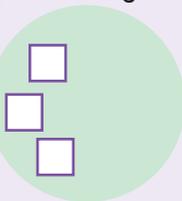


Tlola itshwayo lecezu.

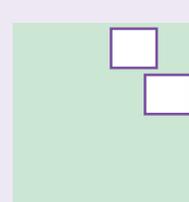
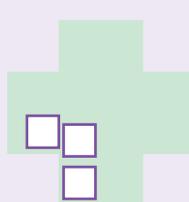
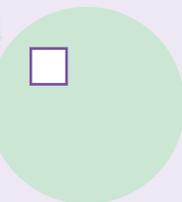
ihafu eyodwa

ikota eyodwa

Grwala amanye amajamo ukwenza enye nenye ihafu iphelele.



Grwala amanye amajamo ukwenza enye nenye ikota iphelele.



Teacher: _____

Sign: _____

Date: _____

Ukuhlela imali



Esitokfeleni

UMma Lubisi ubala begodu ahlukani-sele isiqhema imali.



Linganisa inani lemali. R _____

Bala imali. R _____

Madanisa, ulinganise begodu ufunyane ithothali.



Ukubulunga imali

UGugu ubulungela ipara yamanyathelo ebiza-R89.
 Bekube nje selanehafu yemali.
 Ingabe usatlhoga malini ngaphezulu?
 Tlola inomboro yomutjho ukutjengisa ipendulwakho.



Ilanga:

9

Amaphetheni

Ithemu I



Sebenzisa ibhodi yeenomboro ezima-200 ukuphendula imibuzo.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200



Sebenzisa ibhodi yeenomboro ezima-200 ukuqedelela amaphetheni weenomboro bese ufaka umbala iphetheni ebhodini yeenomboro.

105, 110, 115, _____	87, 90, 93, _____
36, 40, 44, _____	184, 186, 188, _____
70, 65, 60, _____	138, 135, 132, _____
180, 176, 172, _____	14, 12, 10, _____



Tlola iinomboro ezilandelako eduza kwenye nenye iphatheni bese ukhalara iphatheni? Khuyini okubonako ngeenomboro ezi khalavwe ngokufanako?

Ukubala ngakuhlano.

		5			10

Ukubala ngakubili.

2	4				

Ukubala ngakuthathu.

	3		6		

Ukubala ngalitjhumi.

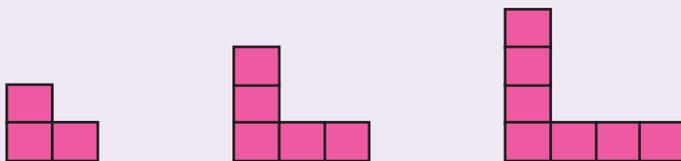
						10



Yelula amaphetheni.









Teacher: _____

Sign: _____

Date: _____

10

Ilanga:

Iimbholo, amabhoksi kanye namasilinda

Ithemu I



Ndulungela amabhoksi ngombala ohlaza sasibhakabhaka, iimbholo ngokubomvu bese kuthi amasilinda abe hlaza satjani.

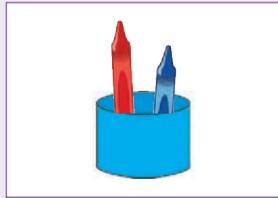


Faka umbala ngependulweni enembako.



Ibhoksi

liyatjhelela liyagedeka



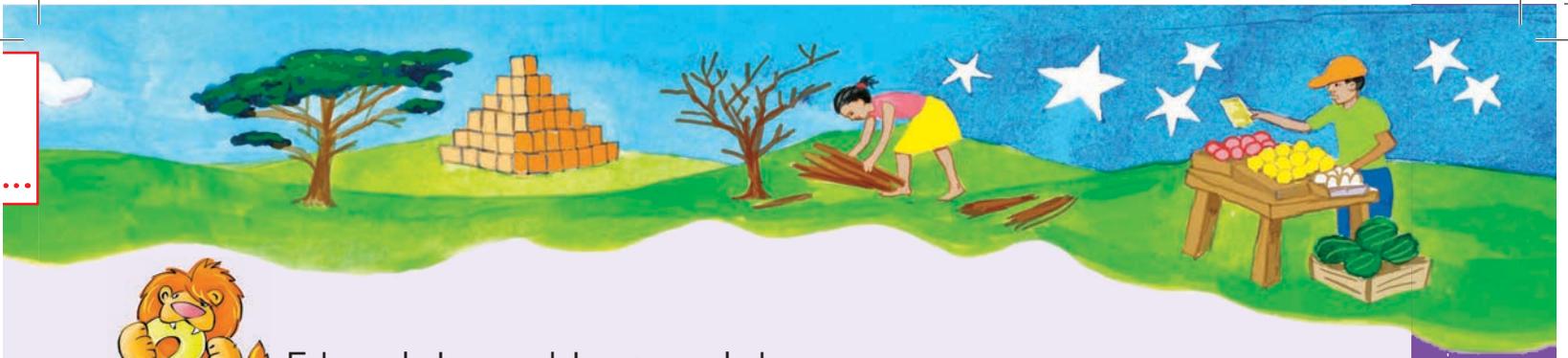
Isilinda

liyatjhelela liyagedeka



Ibholo

liyatjhelela liyagedeka



Faka umbala ependulweni enembako.

umqoqo oyindulungu
umqoqo onqophileko



Yitjho nangabe ibholo ingemuva, ingaphambili, ingeqadi nanyana ingaphezulu kwebhoksi.

ngemuva ngaphambili
ngeqadi ingaphezulu

ngemuva ngaphambili
ngeqadi ingaphezulu

ngemuva ngaphambili
ngeqadi ingaphezulu

ngemuva ngaphambili
ngeqadi ingaphezulu



Teacher: _____
Sign: _____
Date: _____

Ilanga:

Gwala, nikela bewumadanise amabumbeko amajamo we-2D

Ithemu I



Dweba amabumbeko

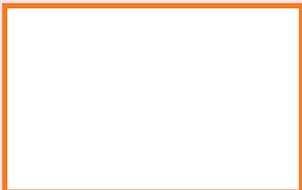
Uncantathu



Isiyingi / Indulunga



Isikwere



Ncazine



Bala amabumbeko

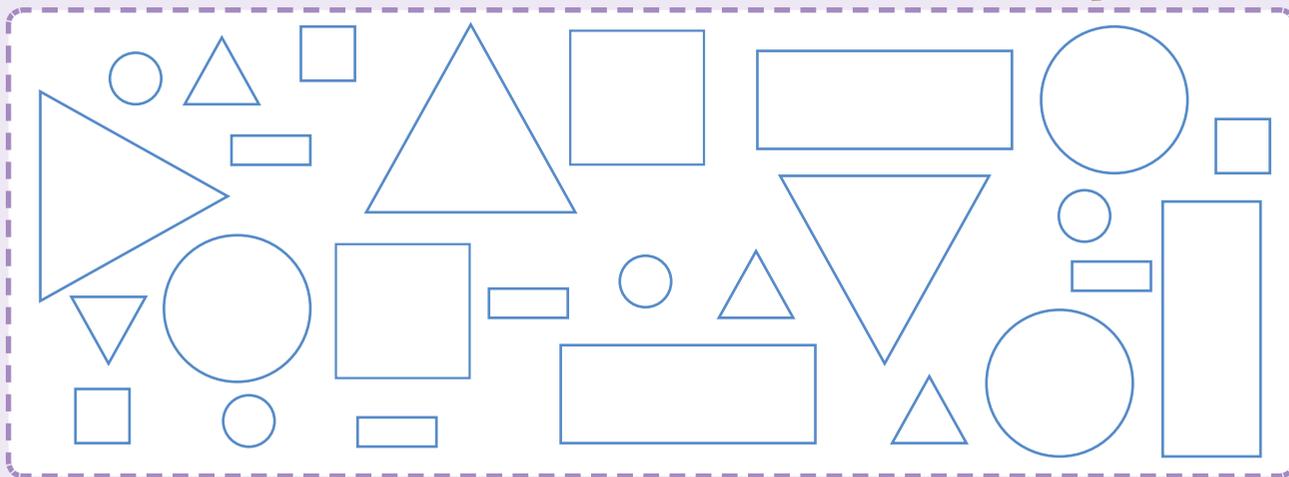
Bala kobana mangaki amabumbeko afana nalawa ongawafumana esithombeni.





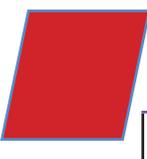
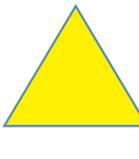
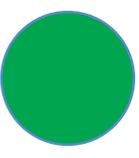
Faka umbala:

iizingi ezikulu ngombala obomvu, iizingi ezincane ngombala ohlaza satjani;
 aboncantathu abakhulu ngombala ohlaza sasibhakabhaka, ezincane ngombala o-orontji;
 iinkwere ezikulu ngokusarulani, ezincane ngokuphephuli;
 amarekthengela amakhulu ngombala ozotho bese kuthi amarekthengela amancane abe
 ngombala opinki.



Mahlangothi amangaki?

Ibumbeko ngalinye linamahlangothi amangaki? Tlola inomboro ebumbekweni. Isibonelo wenzelwe.
 Ingabe amahlangothi anqophile nanyana ayindulunga? Faka umbala endulweni enembako.

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



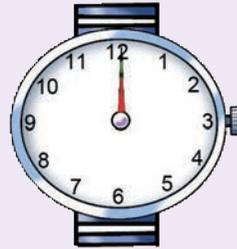
Teacher: _____
 Sign: _____
 Date: _____

Siyakhamba isikhathi



Fundani isikhathi

Atjengisa siphil isikhathi amawatjhi la?

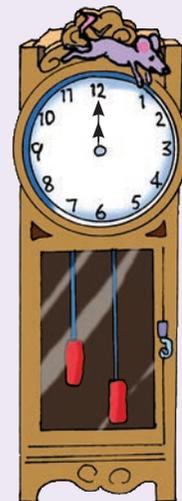


_____ Ehloko _____ Ehloko _____ Ehloko _____ Ehloko



Yeqani magegana newatjhi

Sizani uMinnie Mouse ukubala imizuzu ngaku-5. Thomani e-12. Ragelani phambili nizombeleza.



Nibala imizuzu emingaki? _____

Mizuzu emingaki ese-irini li-1? _____



Tlolani isikhathi

Gwala imikhono ukutjengisa iinkhathi.



ikotara ngemva kwe-iri-6



sigamu ngemva kwe-iri-8



ikotara ngaphambili we-iri-11



isigamu ngemva kelesi-5



UTumi uya esikolweni.



Usuka ekhaya.



Ufika esikolweni.

Ingabe uTumi uthatha isikhathi esingangani? _____



Ilanga lokubhaga

UMaria ubhaga uburotho.



Uburotho buya nge-ondweni.



Uburotho buyaphuma.



Uburotho buthatha imizuzu e _____ ukubhagwa.



Iselele

Esikhathini esibuyelelwe kabili

a. Tjhugululani ama-iri abe mizuzu.

Ama-iri	1	2	4	8
Imizuzu	60			

b. UJabu uthatha imizuzu ema-45 ukufika esikolweni. UTumi uthatha isikhathi esibuyelwe kabili. UTumi uthatha ama-iri amangaki ukufika esikolweni? _____

Ngingakghona ukubona amaphetheni.



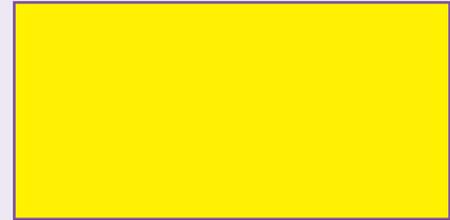
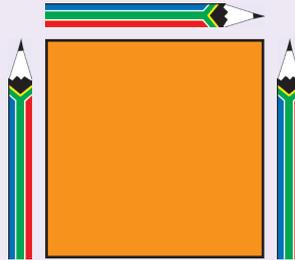
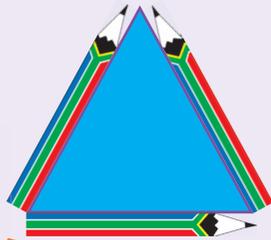
Teacher: _____
 Sign: _____
 Date: _____

13

Ilanga:

Ukulinganisa ubude

Ithemu I



Kukoke, amahlangothi woke wethrayengeli le, alingana nobude beempensela e-3.

Kukoke, amahlangothi wesikwere alingana nobude beempensela e-4.



Ngizibuzisa kobana irekthengela yide begodu ibanzi kangangani?

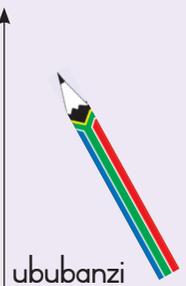
Zingaki iimpensela ezisebudeni berekthengela?



Zingaki iimpensela ezisebubanzini berekthengela?



ubude

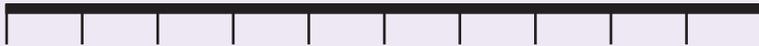


Uzisebenzise njani iimpensela ukubala?

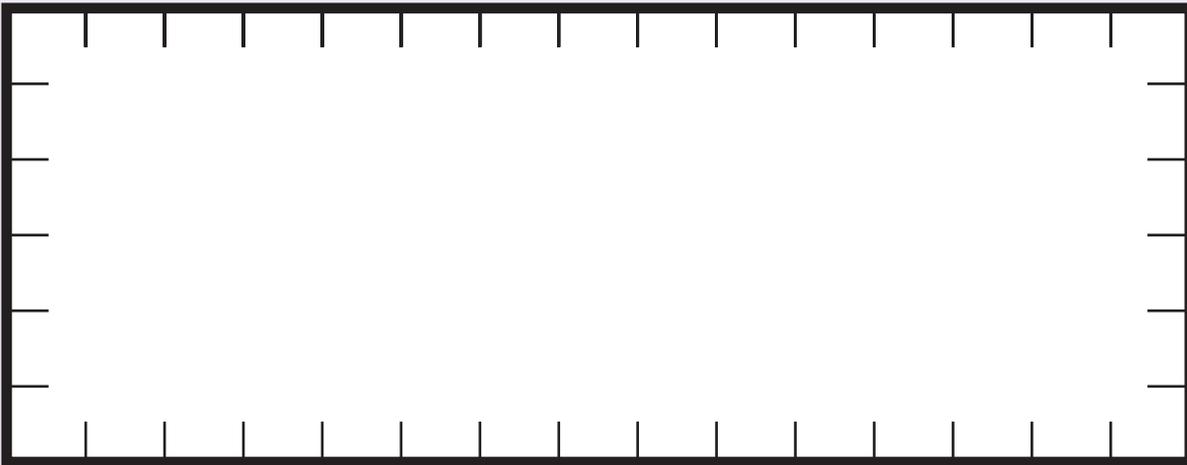


Ubude obufihlakeleko

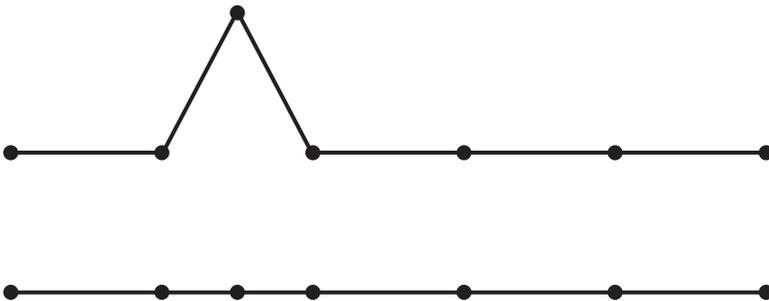
a. Ingabe utlhoga imida emingaki ebovu ukwembesa umuda onzima?



b. Ingabe utlhoga imida emingaki ebovu ukwembesa uncantathu woke?



c. Ngiyiphi edenyana, indlela engaphezulu namkha engaphasi, namkha ingabe ziyafana?



Ipendulo _____

Kubayini? _____



Teacher: _____

Sign: _____

Date: _____

Ilanga:

14

Ithemu I



Umthamo

Sengifake amakhezo amane ngekomitjini

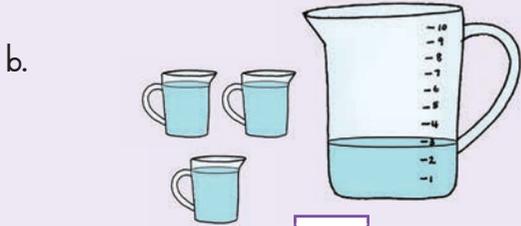
Ziinkomiki ezingaki zamanzi ezizokuzalisa isimumathi?



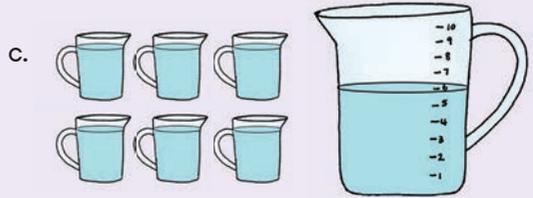
Ziinkomiki ezingaki zamanzi ezingesimumathini? Uzokutlhoga ezinye iinkomitjhi ezingaki ukuzalisa isimumathi?



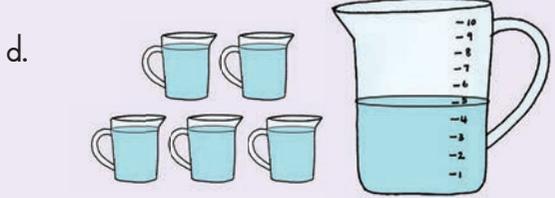
Ngaphakathi kwesimumathi: Utlhoga amanye:



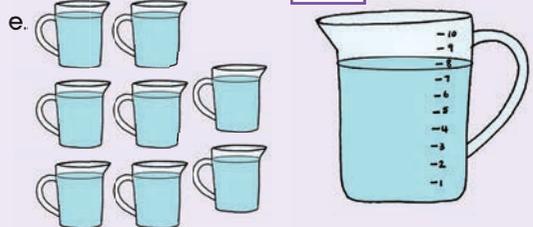
Ngaphakathi kwesimumathi: Utlhoga amanye:



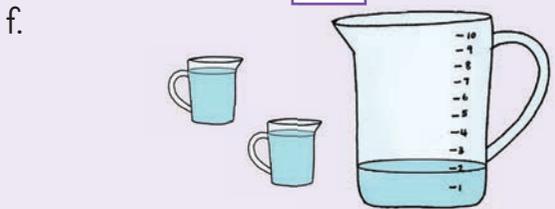
Ngaphakathi kwesimumathi: Utlhoga amanye:



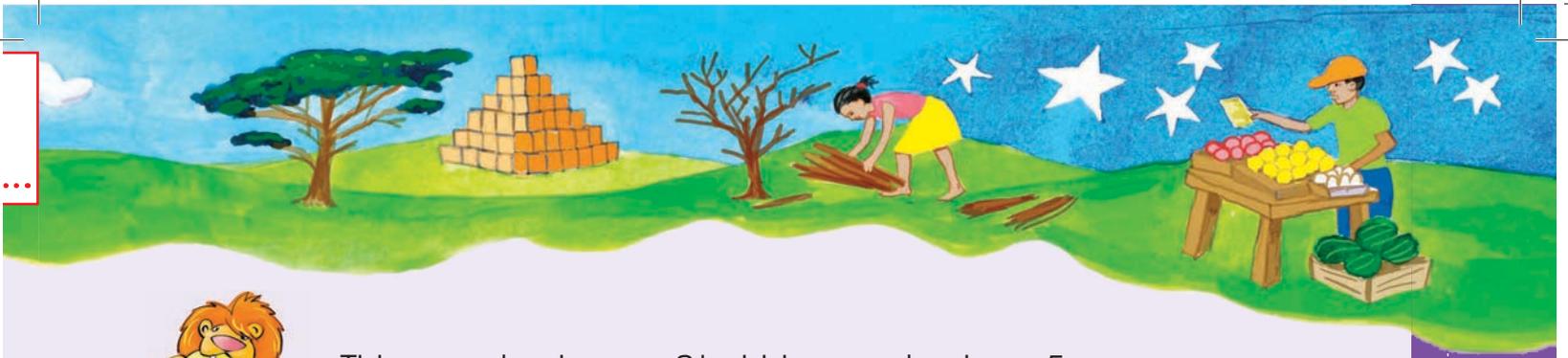
Ngaphakathi kwesimumathi: Utlhoga amanye:



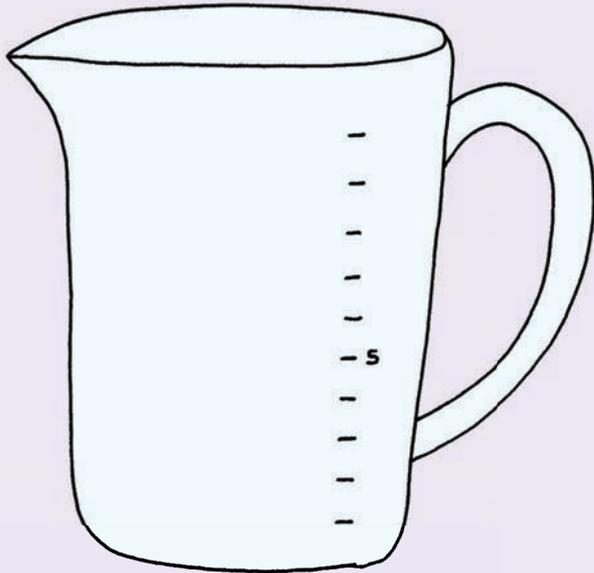
Ngaphakathi kwesimumathi: Utlhoga amanye:



Ngaphakathi kwesimumathi: Utlhoga amanye:



Tlola ama-inthavali ejegeni. Sikutlolele ama-inthavali ama-5.
Zaliselela amanye ama-iinthavali



Nangabe ikomiki eyodwa ijege eyodwa bekube ku-inthavali yesi-2, uzokutlhoga iinkomiki ezingaki ukuzalisa ijege?

- a. 4 _____
- b. 6 _____
- c. 8 _____
- d. 10 _____



Tshwaya kobana ngisiphi isimumathi esingamumatha ilitha e-l yamanzi.

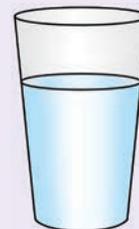














Teacher: _____

Sign: _____

Date: _____

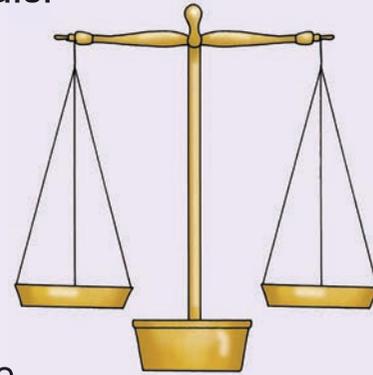
Ukusebenza ngobudisi



Asimede isisindo sethu!

Ukufumana ubungako bethu, **ubudisi** namkha **ukubalula**, sisebenzisa isikala.

Simeda ubungako **ngamakhilogremu**. Sisebenzisa isirhunyezwesi: kg. Ngubani onobudisi obungaphezulu?



41 kg



38 kg



41 kg



42 kg



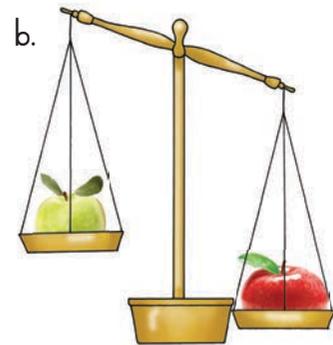
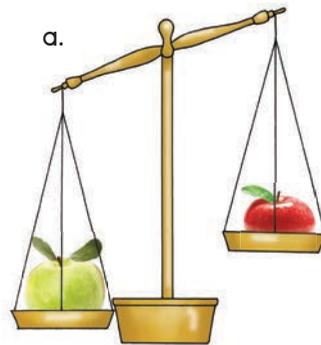
39 kg



Sisebenzise isikala sokubhalansa ukumeda ubudisi



Esikaleni lesi, womabili ama-apula akala ngokulingana.



Phendula imibuzo. Tlola u-a nanyana u-b

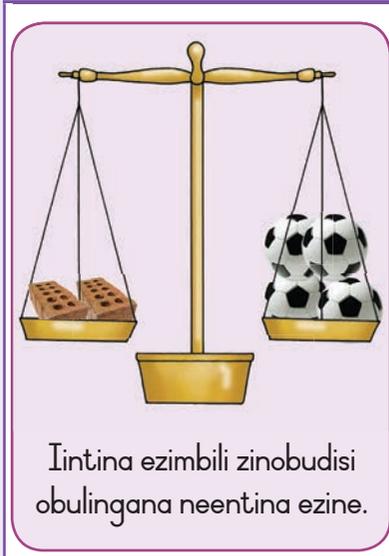
Kusesikaleni siphi lapha i-apula elihlaza satjani libudisi khona khulu ukudlula i-apula elibovu?

Kusesikaleni siphi lapha i-apula elihlaza satjani lilula khona kune-apula elibovu.

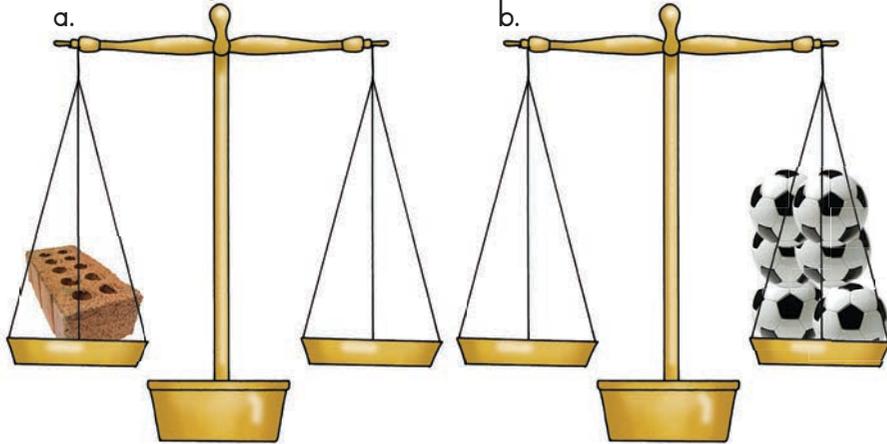


Bhalansisa iinkala.

Wenzelwe isibonelo.



Gwala uveze kobana ziintina ezingaki nanyana iimbholo ozidingako ukuze wenze isikali lesi sibhalanse/sizinze.

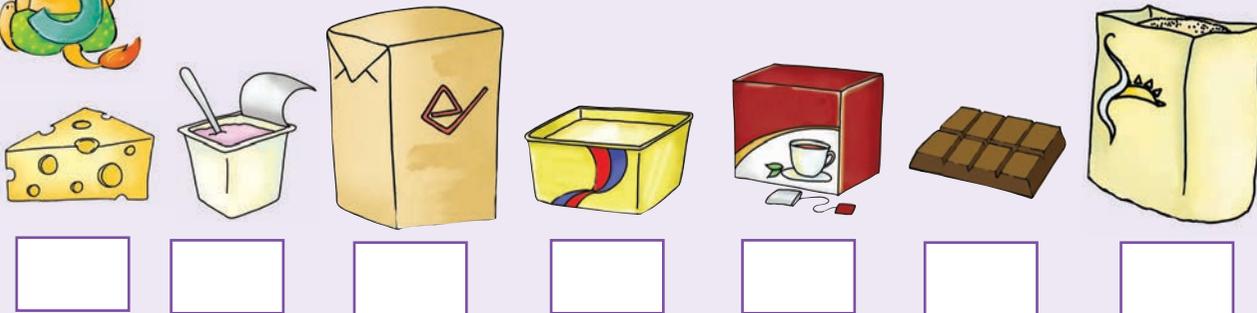


Nangabe iphasela eyodwa ikala 3 kg. Amaphasela ama 2 na-3 akala kangangani?

- Amaphasela ama-2 _____
- Amaphasela ama-3 _____
- Ngingakghona ukumeda amaphasela ama-4 ngasikhathi sinye kiso sona isikala sangekhwitjhini? _____
Kungani? _____



Tshwaya impendulo enembako. Ngijiphi into enesisindo esingaba li-1kg?



Teacher: _____
Sign: _____
Date: _____



Ukusebenza ngemininingwana

Amanyathelo ngetlasini



Funda indatjana.

UThabo: Hawu, Titjhere! uJack ulizimuzimu! Ufaka isayisi 6 yamanyathelo!

UKkz. Khoza: Kulungile! Iye, Thabo, yikulu khulu emntwaneni oneminyaka elithoba! Thabo, unesayisi bani yamanyathelo? Ingabe itlasi loke linamasayisi bani? Asenzeni irhubhululo!

Abafundi batjho amasayisi, ngamunye ngamunye.

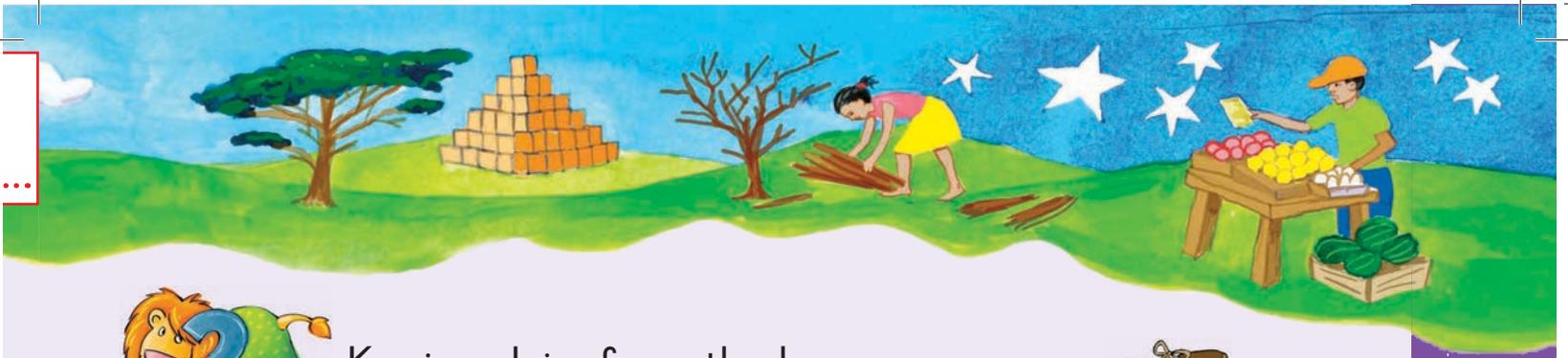
UKkz. Khoza utlola amasayisi lawo ebhodini.

UKkz. Khoza: Bala, bese uyatlola amasayisi ngayinye ngetheyibuleni.

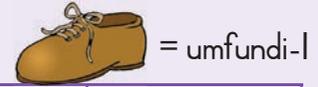
2	2	3	1	2	3	1	4	3	2	3
2	3	2	6	2	2	3	3	3	4	3
4	2	2	3	3	5	3	2	2	2	1
1	1	2	4	2	3	2	3	4	2	4
4	3	2	2	3	1	2	2	1	4	3

Zalisa ithebula engenzasi.

Amasayizi wamanyathelo ngetlasini					
Isayisi 1	Isayisi 2	Isayisi 3	Isayisi 4	Isayisi 5	Isayisi 6



Kwanje gwala igrafu yeenthombe.



Isayisi 1	Isayisi 2	Isayisi 3	Isayisi 4	Isayisi 5	Isayisi 6



Kwanjesi phendula imibuzo le.

- Abafundi abanengi bafaka amanyathelo wesayisi _____.
- Isibalo esimbalwa sifaka isayisi _____.
- _____ abentwana bayazibandakanya erhubhululweni.



Kunjani ngawe?

Fumana kobana wena nabangani bakho nifaka isayisi bani!

- Sebenzani ngeenqhema zangaba-6 ukuya kezangababu-8.
- Buthelelani imininingwana yenu.
- Tlolani isibalo samasayisi wamanyathelo ethebuleni.
- Madanisani iimpendulo nezinye iinqhema.



Teacher: _____
 Sign: _____
 Date: _____



Qedelela itheyibula. Thoma ngenomboro onikelwe yona.

	Enye ngaphezulu	Encani ngaphasi	Ezinye ezilitjhumi	Ezilitjhumi ngaphasi
25				
39				
74				
56				
40				



Ndulungela inomboro ekulu khulu.

78	87	17	36	63	33
----	----	----	----	----	----

Ndulungela inomboro encani khulu.

99	19	9	14	41	40
----	----	---	----	----	----



Nangabe itshwayo < litjho okuncani kuna- bese kutshi itshwayo > litjho kobana kukhulu. Qedelela:

32 < 64 23 > 18

75 98 89 57



Funyana iinomboro ezi-5 ephephandabeni ezihlangana kwaka-50 kanye no-99 bese uzinamathisela kusukela kencani ukuyo kekulu.



Teacher: _____

Sign: _____

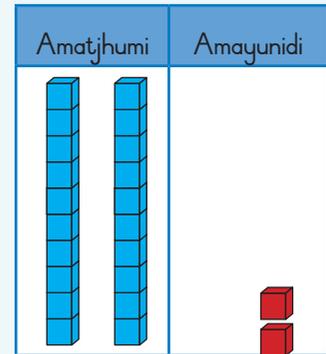
Date: _____

Ubukhulu beenomboro ukuya kuma-99



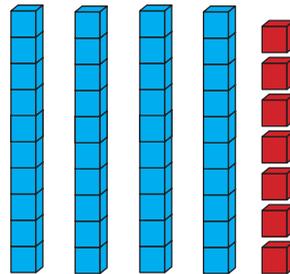
Ukutjengisa inomboro ngokusebenzisa izinto

Godu singakghona ukutjengisa inomboro ngamabhlogo wethu weenomboro ezikulu. Ibhlogo elincani lijamele ku-1. Umletlele wamabhlogo amancani ali-10 ajamele i-10. "Litjhumi"



Ungatjengisa inomboro ngokusebenzisa amatjhumi namkha amayunidi.

Lapha yindlela yokutjengiswa kwama-47.



Amatjhumi	Amayunidi
4	7

Amatjhumi amane nekhomba-47



Ukutlola inomboro ngamadijithi nangamagama

- Ngaphasi kwesithombe, tlola kobana kunamatjhumi amangaki begodu mangaki amayunidi. Bese utlola inomboro ngamadijithi nangamagama.

Amatjhumi	Amayunidi	Amatjhumi	Amayunidi	Amatjhumi	Amayunidi
3	1				
31					
Amatjhumi amathathu nalinye					



2 0 6

2 6

b. Godu singasebenzisa iinomboro zethu zamakarada ukutjengisa lokhu.

Nombora	Mangaki amatjhumi?	Mangaki amayunidi?	Tlola inomboro ngamagama
26	2	6	amatjhumi amabili nesithandathu
46			
99			



Iyini inomboro?

	<p>3 0 5</p> <p>3 5</p>	<table border="1"> <thead> <tr> <th>Amatjhumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>5</td> </tr> </tbody> </table> <p>Amatjhumi amathathu nahlanu 35</p>	Amatjhumi	Amayunidi	3	5
Amatjhumi	Amayunidi					
3	5					
	<p>[] []</p> <p>[] []</p>	<table border="1"> <thead> <tr> <th>Amatjhumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table> <p>_____</p> <p>_____</p>	Amatjhumi	Amayunidi		
Amatjhumi	Amayunidi					
	<p>[] []</p> <p>[] []</p>	<table border="1"> <thead> <tr> <th>Amatjhumi</th> <th>Amayunidi</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table> <p>_____</p> <p>_____</p>	Amatjhumi	Amayunidi		
Amatjhumi	Amayunidi					



Teacher: _____
Sign: _____
Date: _____

19

Ilanga:

Ukubeka amatjhumi ndawonye lokha nasihlanganisa ukuya ema-99

Ithemu I



Funda

<p>Nasi indlela yinye yokutjengisa ama-22.</p>		<p>Sinokodwa kokulitjhumi</p>		<p>Kwanjesi sinenye indlela yokutjengisa ama-22.</p>	
<p>Amatjhumi</p>	<p>Amayunidi</p>		<p>Sinamayunidi alitjhumi nambili</p>	<p>Amatjhumi</p>	<p>Amayunidi</p>
<p>itjhumi li-1</p>	<p>amayunidi ali-12</p>		<p>Sizokubeka amayunidi amatjhumi ngequbi</p>	<p>amatjhumi ama-2</p>	<p>amayunidi ma-2</p>
<p>1 0</p>	<p>1 0 2</p>			<p>2 2</p>	

Asihlanganise $27 + 4$. Sizokuthoma ngamabhlogo ahlaza. Amabhlogo apinki la ngiwo esizokungezelela ngawo.

<p>Ama-27matjhumi ama-2 begodu nabowani abali-7. Bese sihlanganisa abowani aba-4. ngaphezulu.</p>		<p>Sinamatjhumi ama-2 begodu nabowani abali-11.</p>		<p>Kwanjesi sinamatjhumi ama-3 + nowani mu-1 = 31</p>	
<p>Amatjhumi</p>	<p>Amayunidi</p>	<p>Amatjhumi</p>	<p>Amayunidi</p>	<p>Amatjhumi</p>	<p>Amayunidi</p>
<p>ama-2</p>	<p>ama-7 + ama-4</p>	<p>Singatjengisa abowani abali-10 njenge tjhumi linye.</p>		<p>+ =</p>	
<p>2 0</p>	<p>7 4</p>	<p>2 0 1 0</p>	<p>1</p>	<p>3 1</p>	



Tlola iinomboro zomatjho ezitjengiswe sithombe

Amatjhuri	Amayunidi	Amatjhuri	Amayunidi	Amatjhuri	Amayunidi
<input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/>	<input type="text"/>
$10 + 5 + 6$		___ + ___ + ___		___ + ___ = ___	

Qedelela iinthombe. Tlola imitjho yeenomboro etjengiswe esithombeni.

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



Teacher: _____
 Sign: _____
 Date: _____

20a

Ilanga:



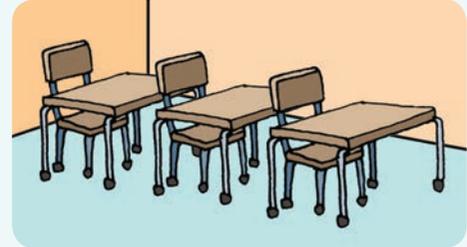
Ithemu I

Hlanganisa kunambalayini

Hlala edeskeni lakho!

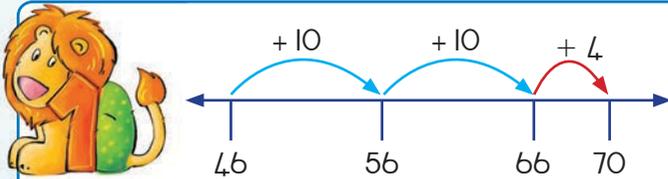
Esikolweni sethu umfundi ngamunye unedeske lakhe. Kunabafundi abama-46 kuGreyidi 3A begodu bama-24 kuGreyidi 3B.

Ingabe sitlhoga amadeske amangaki ematlasini womabili?



Sebenza nomlingani

Qala kobana abafundi abathathu laba bayisebenzisa njani inambalayini ukusombulula umraro. Qedelela iimbalo usebenzile isibonelo.



Lokhu ngengikwenzako: Ngithoma ngokuhlanganisa i-10. Lokhu kungiletha ema-56. Bese ngeqa i-10 elinye ngiye ema-66. Begodu kwamaswaphela, ngeqa ku-4 ngaphezulu ukufika ema-70.

$$\begin{aligned}
 &= 46 + 10 + 10 + 4 \\
 &= 56 + 10 + 4 \\
 &= 66 + 4 \\
 &= 70
 \end{aligned}$$

Kufanele ngihlanganise ama-24 ukuya ema-46.



a. $32 + 25 =$



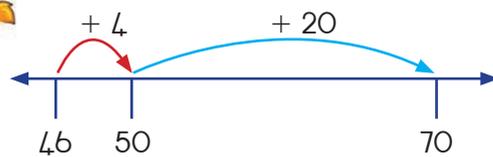


b. $52 + 26 = \square$

←

c. $46 + 25 = \square$

←



Kufanele ngihlanganise ama-24 ukuya ema-46.



Lokhu ngengikwenzako: Kokuthoma ngizokweqa ku-4. Lokho kuzangiletha ema-50. Ngingeqa ukudlula ama-20, okungiletha ema-70.

$$\begin{aligned}
 &= 40 + 10 + 20 \\
 &= 50 + 20 \\
 &= 70
 \end{aligned}$$

a. $36 + 41 = \square$

←

Teacher: _____

Sign: _____

Date: _____

20b

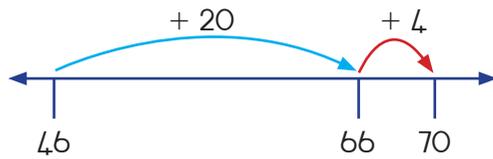
Ilanga:

Hlanganisa kunambalayini (kuragela phambili)

Ithemu I

b. $57 + 19$

\longleftrightarrow



Kufanele ngihlanganise ama-24 ukuya ema-46.



Lokhu ngengikwenzako: ukusuka ema-46, ngingeqa ama-20. Lokho kungiletha ema-66. Kwanjesi kufanele ngeqe ku-4 ngaphezulu begodu bese ngifika ema-70.

$$= 46 + 20 + 4$$

$$= 66 + 4$$

$$= 70$$

a. $63 + 24 =$

\longleftrightarrow

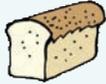
b. $65 + 29 =$

\longleftrightarrow

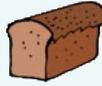


Ziinlofu ezingaki?

Umbhagi udiliva iinlofu ezima-54 ezibhraweni ezima-68



ezimhlophe.



begodu neenlofu

a. Ziinlofu ezingaki sezizoke?

b. Fumana ithothali kunambalayini.

Tjengisa iinomboro nesilinganiso sokweqa.



Hlanganisa okulandelako, ngaphandle kokusebenzisa inambalayini. Sebenzisa yakho indlela.

$$38 + 24 =$$

$$58 + 17 =$$

$$75 + 16 =$$

$$83 + 29 =$$



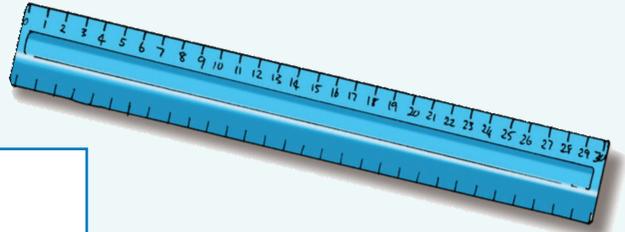
Teacher: _____
 Sign: _____
 Date: _____

Ukukhupha ngenambalayini

Umfundi munye! Irula yinye!

Itlasi litlhoga amarula ama-53. Kunama-35 kwaphela.

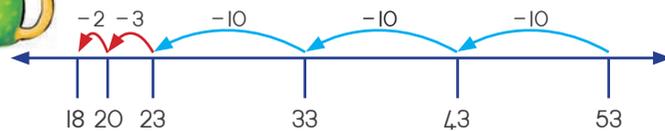
Sisatlhoga mangaki? $53 - 35 =$



Sebenza nomlingani

Funda kobana abafundi abanye abathathu abafanako bayisebenzisa njani inambalayini lapha.

Qedelea iimbalo usebenzise isibonelo.



Kufanele ngikhuphe
ama-35 kuma-53.
Ukukhupha kutjho ukususa.



Ngalokho ke, ngizakuthoma ema-53 begodu ngisuse. Ngizakususa i-10, 10, 10 – elingiletha ema-23. Kwanjesi ukususa ku-3, bese ngiza ema-20. Ngisusa ku-2 ngaphezulu begodu ngifumana i-18. Ngalokho ke sitlhoga iinrula ezili-18.

$$= 53 - 10 - 10 - 10 - 3 - 2$$

$$= 43 - 10 - 10 - 3 - 2$$

$$= 33 - 10 - 3 - 2$$

$$= 23 - 3 - 2$$

$$= 20 - 2$$

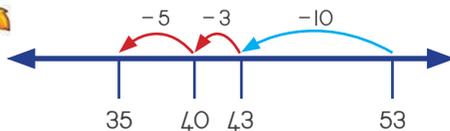
$$= 18$$



a. $68 - 24$

b. $74 - 38$

c. $92 - 87$



Ukukhupha kutjho ukufumana umehluko hlangana nama-53 nama-35.



Ngizakuthoma ema-53 bese ngibala ukuya emva ema-35 ukufumana umehluko. Nakhibe ngibala ngibuyele emva nge-10, ngiya ema-43. Ngingabala ngiye emva ngaku-3 ngaphezulu ukuya ema-40. Bese ngibala ngiye phasi ngaku-5 ngaphezulu ukuya ema-35. I-10 naku-3 nakuhlana kuli-18. Ngalokho-ke sitlhoga amarula angaphezulu nge-18.

a. $38 - 14$



Teacher: _____

Sign: _____

Date: _____



b. $96 - 53 = \square$

←

c. $78 - 19 = \square$

←

d. $63 - 47 = \square$

←



Khamba ngeteksi

Ikhamba ngeteksi lokuya edrobheni lima-65 km.
Bekube nje iteksi sele ikhamba ama-38 km.

Kusafanele ikhamba kangangani ukuya phambili?

Sebenzisa inambalayini ukusombulula umraro lo.



←

km



Teacher: _____

Sign: _____

Date: _____

Sikhathi sephathi

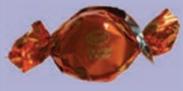


Iqhinga lokuthoma!

UBusi ubawe abangani bakhe kobana bamnikele isithombe sokudla kwephathi abakuthandako. Okulandelako kukudla akuthengako. Msize kobana ahlele kuhle ukudla lokhu.



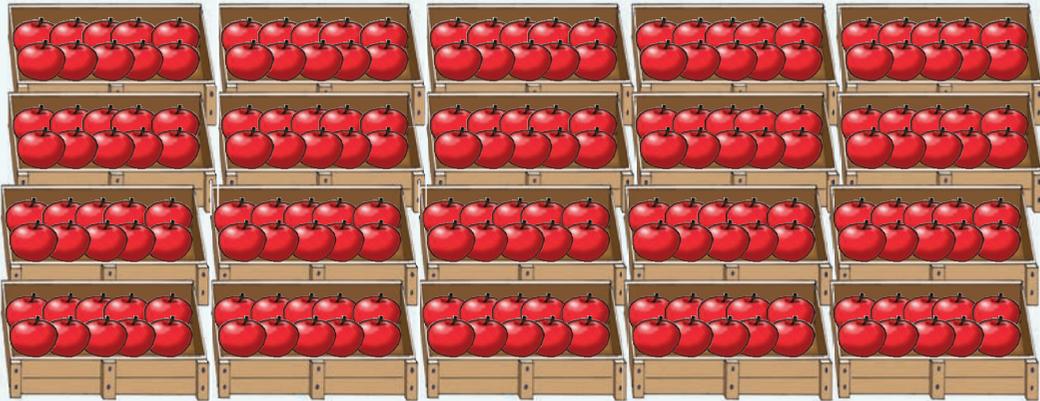
Bala, begodu tlola kobana bangaki abangani abakhetha umhlobo ngamunye wokudla.

				
Inomboro				

Bala bewufike ku-200



Ubona ama-apula amangaki?



Zaliselela ngeenomboro

Ibhoksi elilodwa lina ma-apula

Ireyi elilodwa lina ma-apula

Ireyi elilodwa linamabhoksi

Amareyi amane anama-apula



Singapaka ama-apula amangaki ngemabhoksini la?

a.

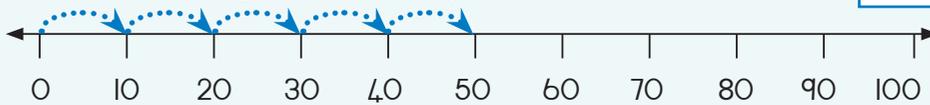
b.

c.

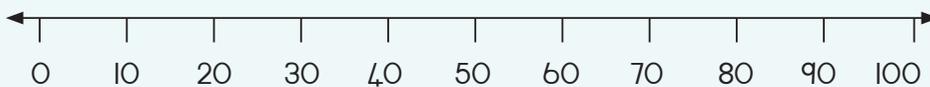


Tjengisa lokhu ngenambalayini.

a. Kuzokuba nama-apula amangaki ngemabhoksini amahlanu?



b. Kuzokuba nama-apula amangaki ngemabhoksini alikhomba?





u-10 nakangezelelwe
ngaku-3 kwenza –

3 0

$3 \times 10 = 30$

nanyana $10 \times 3 = 30$

u-10 nakangezelelwe
ngaku-5 kwenza

_____ × _____ =

nanyana

_____ × _____ =

u-10 nakangezelelwe
ngaku-2 kwenza

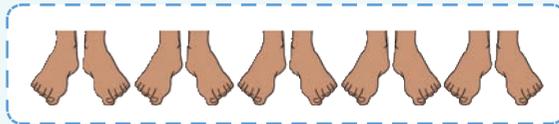
_____ × _____ =

nanyana

_____ × _____ =



Iimpara ezi-5 zeenyawo.
Kuneenzwani ezingaki sele zizoke?



$10 + 10 + 10 + 10 + 10 = 50$

$5 \times 10 =$

nanyana $10 \times 5 =$

Yenza lokhu ngendlela efanako.

Iimpara ezi-4 zeenyawo. Kuneenzwani ezingaki sele zizoke?

_____ = _____ × _____ = nanyana _____ × _____ =

Iimpara ezi-9 zeenyawo. Kuneenzwani ezingaki sele zizoke?

_____ = _____ × _____ = nanyana _____ × _____ =



Asibaleni nge-10.

10, 20, 30, 40, 50, _____, _____, _____, _____, _____,
_____, _____, _____, _____, _____, 200



Teacher:

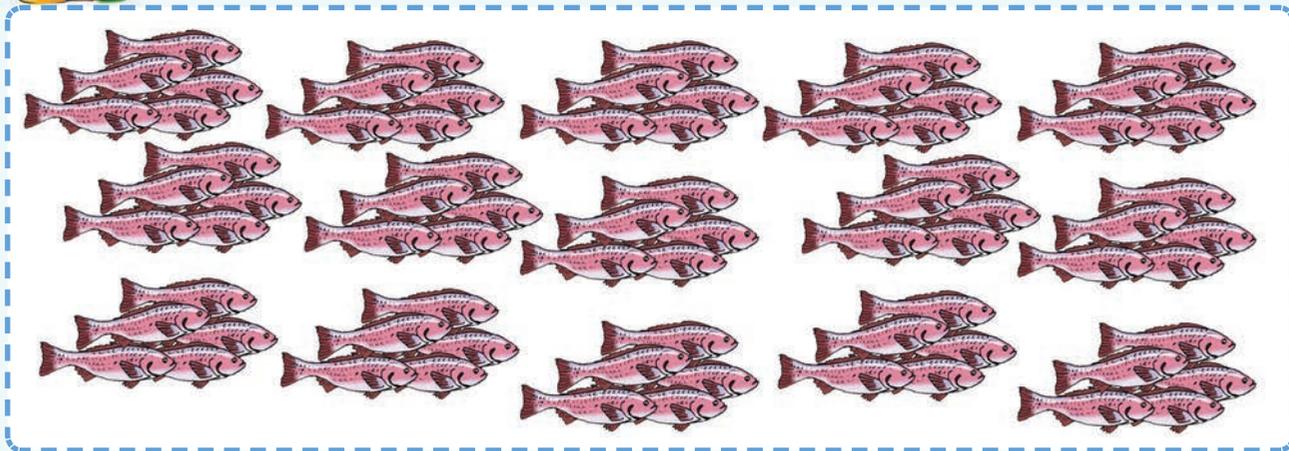
Sign:

Date:

Zijayeze ngaku-5



Ingabe iinhlambi zingaki? Linganisa ukuthi kungaki.



Kwanjisi bala iinhlambi.

Fumana ithothali.

Bala ngaku-5

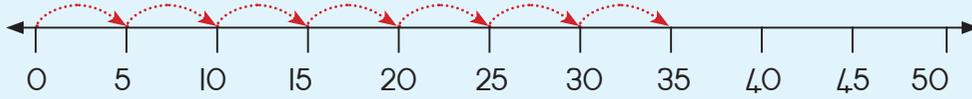


Fumana ithothali yamaqanda weenhlambi. Tlola umutjho weenomboro usebenzise u + kunye no ×. Sesikwenzele isibonelo.

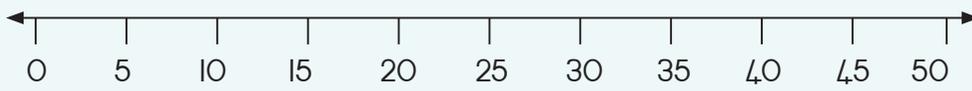
Iinhlambi namaqanda	Ingabe mangaki amaqanda?	
Iinhlambi ezi-5, zibekela amaqanda ama-2	$2 + 2 + 2 + 2 + 2 = 10$	$5 \times 2 = 10$
Iinhlambi ezi-5, zibekela amaqanda ali-10		
Iinhlambi ezi-5, zibekela amaqanda ama-4		
Iinhlambi ezi-5, zibekela amaqanda ama-3		
Iinhlambi ezi-5, zibekela amaqanda asi-6		
Iinhlambi ezi-5, zibekela amaqanda abu-8		
Iinhlambi ezi-5, zibekela amaqanda ama-5		



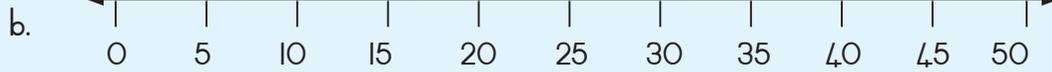
Qedelela imitjho yeenomboro namanambalayini.



$5 + 5 + 5 + 5 + 5 + 5 + 5 = 35$ nanyana $7 \times 5 = 35$



$5 + 5 + 5 + 5 = \square$ nanyana $\square \times \square = \square$



$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = \square$ nanyana $\square \times \square = \square$



$\square + \square = \square$ nanyana $10 \times 5 = 50$



Bamba ihlambi

USipho ubamba iihlambi ezihlangana kwama-40 nama-50. Uyazibala ngaku-2 begodu usele nayi-l.

Uzibala ngaku-5 begodu usele nazi-2. Ingabe uSipho ubambe iihlambi ezingaki?

Teacher: _____
Sign: _____
Date: _____

25a

Ilanga:

Ithemu I



Bala amakowusu

Bala ngaku-2



a. Mangaki amakowusu alapho? _____

b. Ziimpara ezingaki zamakowusu? _____

c. Kusele amakowusu amangaki? _____



Ukubala iimpara zamakowusu

Tlola kobana ziimpara ezingaki zamakowusu ezilapho begodu utjho nakhibe kukhona aseleko.

Amakowusu	Isibalo seempara	Inani lamakowusu	Amswenya aseleko



Teacher: _____

Sign: _____

Date: _____

25b

Ilanga:

Ithemu I



Bala ngaku-2 (kuragela phambili)

Ukwakha iimpara.

Tlola phasi iinomboro ezilinganako nenomboro ezingalinganiko kusukela e-1 – 60.

a. Tlola iinomboro ezilinganako kusukela kwe- 1 – 60.

2, 4, 6,

b. Tlola iinomboro ezingalinganiko kusukela kwe- 1 – 60.

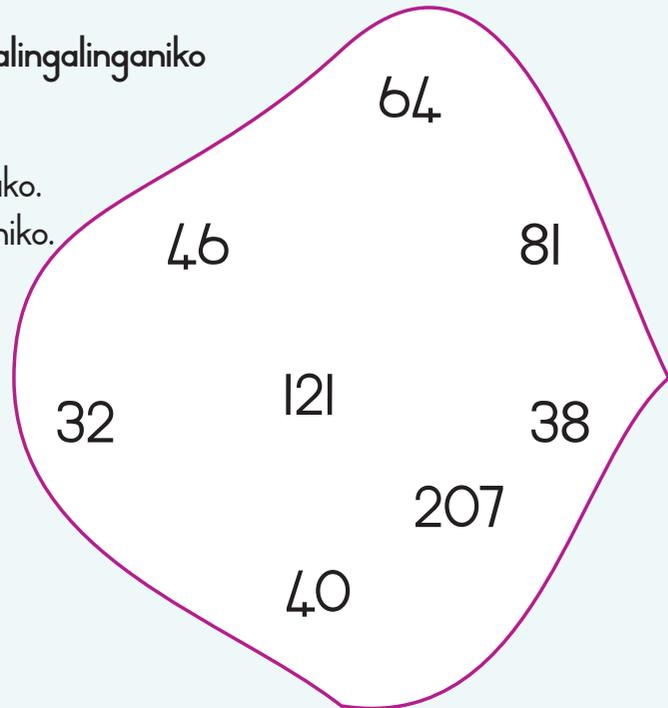
3, 5, 7,



Okulingalinganako nokungalingalinganiko

Dweba indulunga eenomborweni ezilinganako.

Dweba iskwere eenomborweni ezingalinganiko.





Kusukela emakowuswini ukuya eempareni zamakowusu

Isibonelo:

ipara yi-1  = amakowusu ma-2

impara ezili-10  = amakowusu ama-20

$$2 \times 1 = 2$$

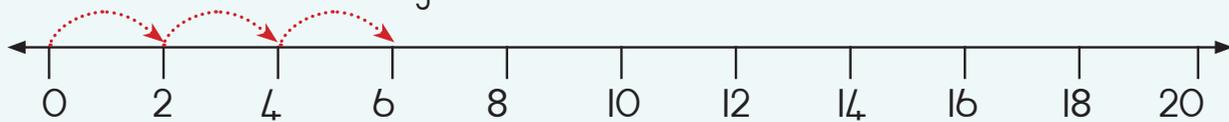
$$2 \times 10 = 20$$

a. Tlola kobana mangaki amakowusu.

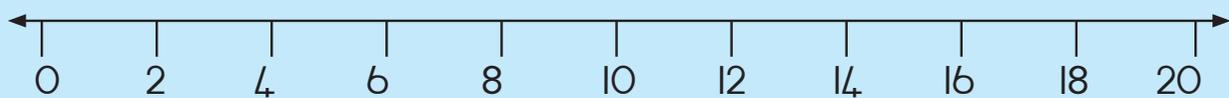
Cabanga ngaku-2		Umutjho weenomboro
Ipara eyo-1	amakowusu = ama-2	$2 \times 1 = 2$
Iimpara ezi-2	amakowusu = ama-___	$2 \times 2 = \square$
Iimpara ezi-4	amakowusu = abu-___	
Iimpara ezibu-8	amakowusu = ali-___	
Iimpara ezili-9	amakowusu = ali-___	

b. Tjengisa inani phezu kwenambalayini bese uyaqedelela.

Isibonelo: $2 + 2 + 2 = 6$ nanyana $3 \times 2 = 6$



$$2 + 2 + 2 + 2 + 2 + 2 + 2 = \square \text{ nanyana } \square \times \square = \square$$



Teacher: _____
Sign: _____
Date: _____



Indatjana yemali yethu

ESewula Afrika sisebenzisa amaranda namasende njengemali yethu. Sathoma ukusebenzisa amaranda neensende ngomnyaka we-1961.

Ngalawo malanga isende yi-1 yesimbi gade kungiyi encani khulu, kulandele amasende. ama-2 bese kulandela amasente ama-5.



<p>Gade ngisebenzisa imali yesimbi ezincani lezi ukubhadela izinto ezinengi. Lokho izinto gade zitjhiphile!</p>	<p>Uqinisile, ayisenziwa!</p> <p>Kodwana, uGogo, akhange khengibone isende yi-1 ngamasende ama-2 besimbi.</p>
<p>Mayelana neminyaka ema-50 eyadlulako sisasebenzisa iimponde, abotjheleni nabopense.</p>	<p>Iye, Ngiyakhumbula! Iponde yi-1 gade ibotjheleni abama-20, begodu utjheleni mu-1 gade ayi-12 pense.</p>



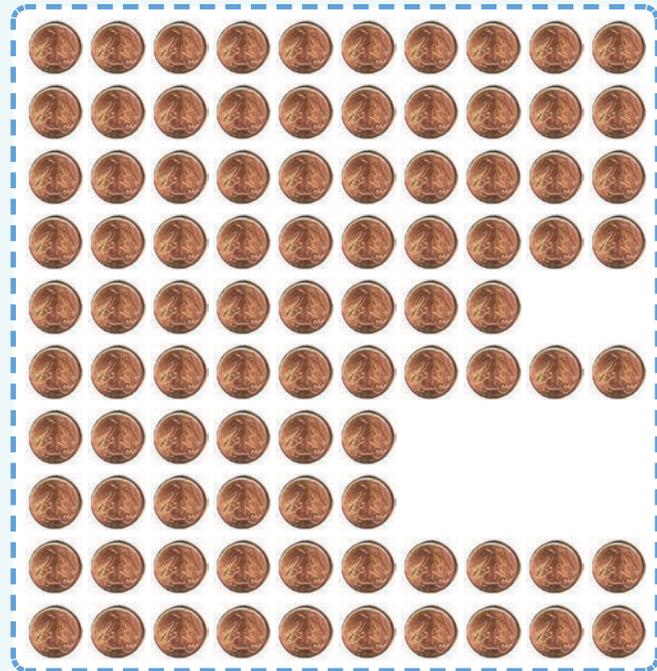
Bala amasende

Bala usende o-l.

Kunamasende amangaki?

Mangaki afunekako ukwenza i-R1,00?

Agwale ngaphakathi kwebhlogo.



Masende amangaki?

R1,00 = <input type="text"/> c	R2,00 = <input type="text"/> c
R3,00 = <input type="text"/> c	R1,50 = <input type="text"/> c



"Ngingathenga iinthelo ezingaki?"

2  sibiza-R4,00.

Ufumana amabhanana amangaki nge-R20,00?

2  sibiza-R2,00.

Ufumana ama-apula amangaki nge-R9,00?



Teacher: _____

Sign: _____

Date: _____

Bala ngaku thathu

Ithemu I



Amavili ngama-3



Ibhayisigili-emavili-ntathu yi-1 inamavili ama ____.



Iimbhasigili ezi-5 zinamavili ama ____.

$$3 + 3 + 3 + 3 + 3 = 5 \times 3 = \underline{\quad}$$

Iimbhasigili ezi-2 zinamavili ama ____.

$$3 + 3 = 2 \times 3 = \underline{\quad}$$

Iimbhasigili ezi-4 zinamavili ama ____.

Iimbhasigili ezi-6 zinamavili ama ____.

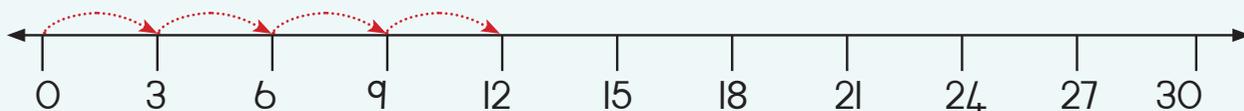
Iimbhasigili ezi-9 zinamavili ama ____.

Iimbhasigili ezi-8 zinamavili ama ____.

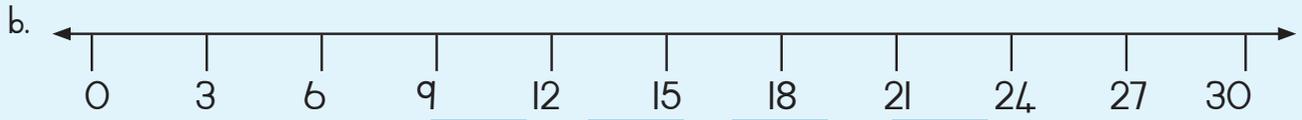


Amanambalayini

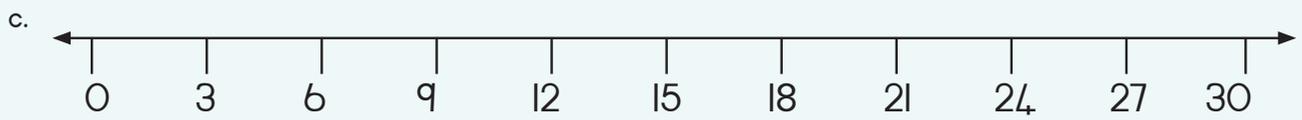
Landela isibonelo.



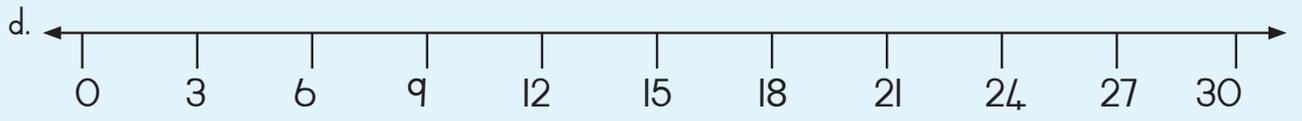
a. $3 + 3 + 3 + 3 = \square = 4 \times 3 = \square$



$$3 + 3 + 3 + 3 + 3 = \boxed{} = \boxed{} \times \boxed{} = \boxed{}$$



$$\underline{\hspace{10em}} = \boxed{} = 6 \times 3 = \boxed{}$$



$$\underline{\hspace{10em}} = \boxed{} = 10 \times 3 = \boxed{}$$



Ibhayisigili enamavili ama-2 neembhayisigili-ezimavilintathu ama-3



Esitolo seembhayisigili uBusi ubala amavili weembhayisigili neweembhayisigili-ezimavili-ntathu. Kunamavili ali-14 sele awoke.

Kuneembhayisigili ezingaki lapho? _____

Kuneembhayisigili-ezimavili-ntathu ezingaki lapho? _____



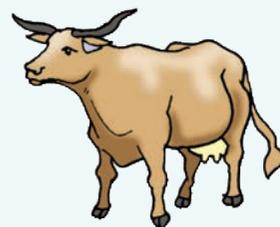
Teacher: _____
 Sign: _____
 Date: _____

Ngikuphi okuza ngaku-4?



Imilenze emine

Amaphuzu amanye
weenomboro ezi-4 ...
 $4 + 4 = 8$; $2 \times 4 = 8$



"Iinkomo", ziinenyawo ezine.

Khuyini godu okukhamba ngakune? _____



Bala imilenze

Yaba iimpendulo.
Hlathulula kobana wenzeni.

Sebenzisa amaphuzu owaziko mayelana naku-4 ukuphendula imibuzo le:

Ikomo e-1  <input type="text" value="4"/> imilenze	Iinkomo ezi-2  <input type="text" value="8"/> imilenze
Iinkomo ezi-3  <input type="text"/> imilenze	Iinkomo ezi-4  <input type="text"/> imilenze
Iinkomo ezi-5  <input type="text"/> imilenze	Iinkomo ezi-6  <input type="text"/> imilenze
Iinkomo ezi-7  <input type="text"/> imilenze	Iinkomo ezi-8  <input type="text"/> imilenze
Iinkomo ezi-9  <input type="text"/> imilenze	Iinkomo ezi-10  <input type="text"/> imilenze



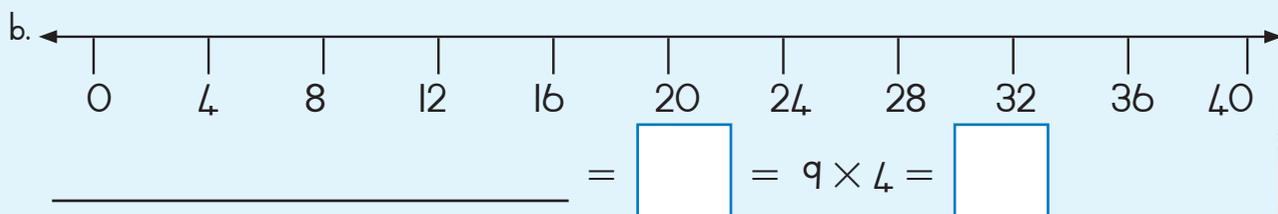
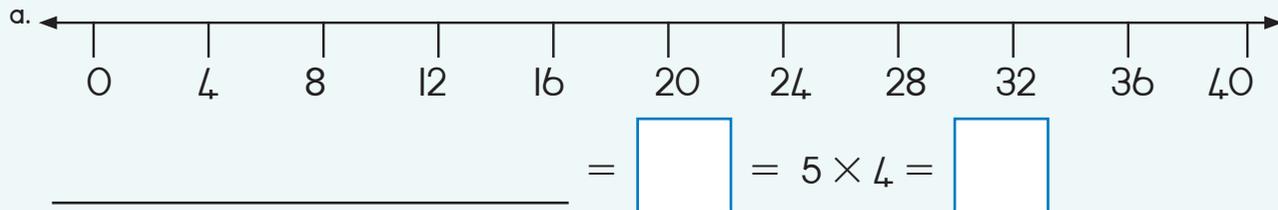
Qedelela itheyibula elandelako. Sebenzisa isibonelo ukubanelemuko.

Iinkomo ezi-3 zinemilenze eli- _____	$4 + 4 + 4 = 4 \times 3 = \underline{12}$
Iinkomo ezi-5 zinemilenze eli- _____	
Iinkomo ezi-4 zinemilenze eli- _____	
Iinkomo ezi-7 zinemilenze eli- _____	
Iinkomo ezi-8 zinemilenze eli- _____	



Amanambalayini

Yenza isibalo sokubuyabuyelela phezulu kwenambalayini bese uyaqedelela usebenzise ukweqa.



Teacher: _____

Sign: _____

Date: _____

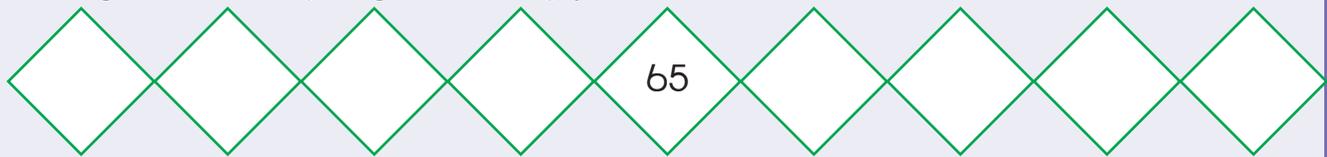


Zenzele iphetheni yakho

- a. Kilephetheni yeenomboro, iinomboro zoke ziyalingana.
Inomboro enye ingaba yini? Zitlole ngaphakathi.



- b. Kilephetheni yeenomboro, iinomboro zoke azilingani.
Ezinye iinomboro zingaba yini? Zitlole ngaphakathi.



Ingabe zifanele zibe kuphi?



Iphetheni yangaku-3 neyangaku-4	Iphethe yangaku-3 neyangaku-5	Iphetheni yangaku-4 neyangaku-5
Isibonelo: 48		



Elwandle

UThembi udobha amacephe welwandle ahlangani kwama-60 nama-70

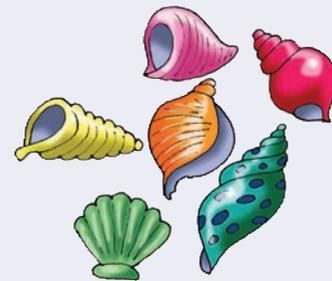
Uwabala ngaku-3, usele nali-1.

Iinomboro ekungabangizo ngilezi: 61, _____, _____, 70.

Nakabala nga-5, usalelwa ku-4.

Iinomboro ekungizo ngilezi: _____, _____.

UThembi unamacephe amangaki? _____



Teacher: _____
Sign: _____
Date: _____

30a

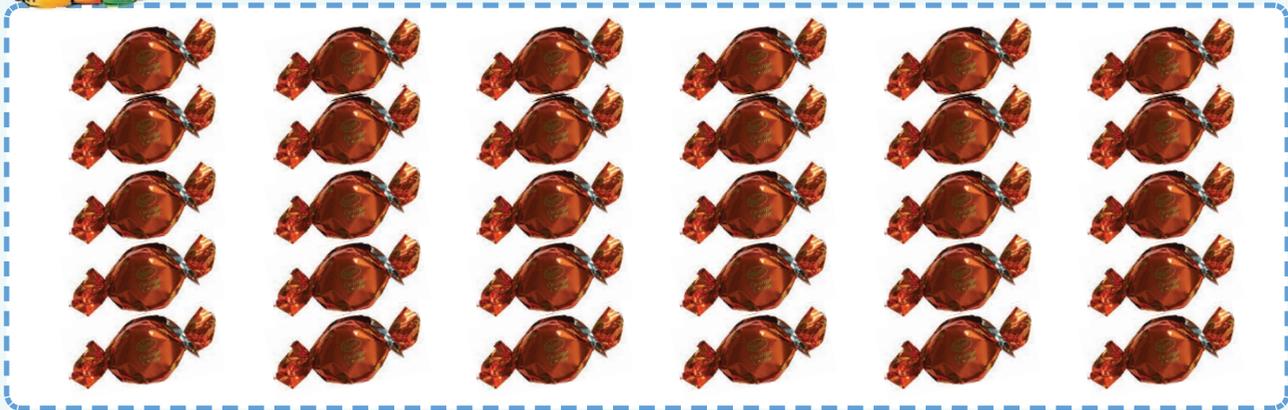
Ilanga:

Ithemu I

Ukwehlukana



Yabelana ngamaswidi.



a. Yabela abentwana ababili ngokulingana amaswidi ama-30.



Singatlola ngendlela elandelako:

$$30 \div 2 = 15$$

b. Yabela ngokulingana amaswidi hlangana nabentwana abathathu.



$$\div =$$

c. Amaswidi ahlukiselwe abentwana aba-5



$$\div =$$



Singasebenzisa iinomboro zamabhlogo ukwabelana.

$\mathbf{2} \ \mathbf{8} \div \mathbf{2} = \mathbf{1} \ \mathbf{4}$	

Kwanje yenza lokhu.

a.

$\square \ \square \div \mathbf{3} = \square \ \square$	

b.

$\square \ \square \div \mathbf{4} = \square \ \square$	



Teacher: _____

Sign: _____

Date: _____

30b

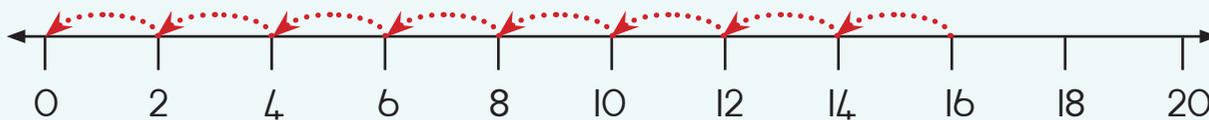
Ilanga:

Ukwehlukana (kuragela phambili)

Ithemu I



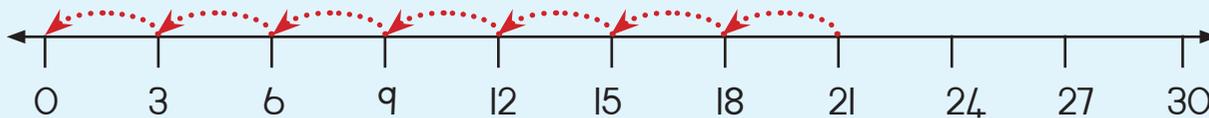
Sebenzisa amanambalayini ukutlola umutjho weenomboro okhuphako nanyana ohlukanisako. Isibonelo:



$$16 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 = 0$$

$$16 \div 2 = 8$$

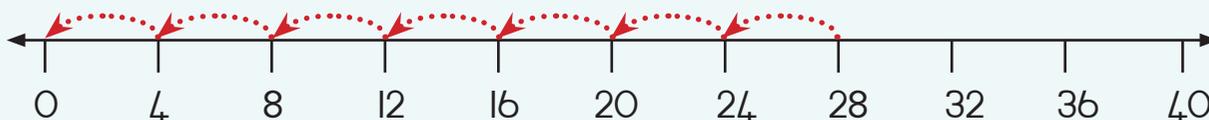
a.



$$21 - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\boxed{\hspace{1cm}} \div \boxed{\hspace{1cm}} = \underline{\hspace{1cm}}$$

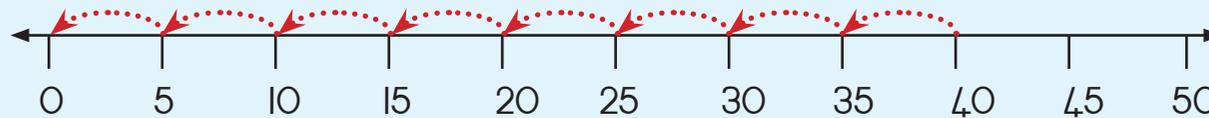
b.



$$28 - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\boxed{\hspace{1cm}} \div \boxed{\hspace{1cm}} = \underline{\hspace{1cm}}$$

c.



$$\underline{\hspace{1cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\boxed{\hspace{1cm}} \div \boxed{\hspace{1cm}} = \underline{\hspace{1cm}}$$



Thala inambalayini urarulule imitjho yeenomboro.

a. $30 \div 5 =$



b. $22 \div 2 =$



c. $27 \div 3 =$



d. $32 \div 4 =$



e. $25 \div 5 =$



Iselele

Tjengisa iindlela ongazilandela ukwabela iinqhema zabentwana amaswidi ama-24 ngokulingana.

Tlola umutjho weenomboro ukutjengisa ipendulo yakho.



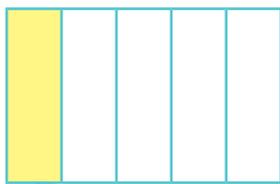
Teacher: _____
 Sign: _____
 Date: _____

Amacezu

Ithemu I



Thala umuda umadanise ibumbeko necezu elifaneleko.



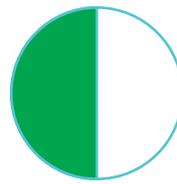
$$\frac{1}{3}$$

ingcenywe yakuthathu



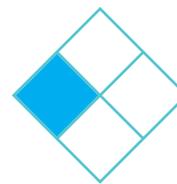
$$\frac{1}{5}$$

ingcenywe yakuhlano



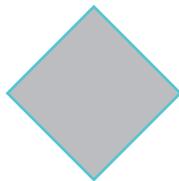
$$\frac{1}{4}$$

ingcenywe yekotara

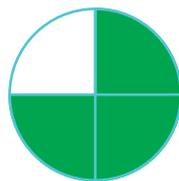


$$\frac{1}{2}$$

ingcenywe yehafu

iingcenywe
ezintathu
zamakotara

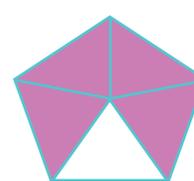
$$\frac{3}{4}$$

iingcenywe
ezine
zakuhlano

$$\frac{4}{5}$$

Okukodwa
okuzeleko

$$1$$

iingcenywe
eziimbili
zakuthathu

$$\frac{2}{3}$$

Hlukanisa bese uyakhalara:



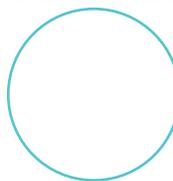
$$\frac{1}{2}$$

ingcenywe yehafu



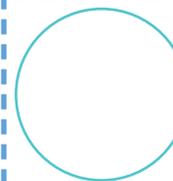
$$\frac{1}{3}$$

ingcenywe yakuthathu



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

ingcenywe yekotara



$$\frac{1}{5}$$

ingcenywe yakuhlano

Tjengisa icezu ngokuthala umuda osuka enomborweni enembako yamasbidi.



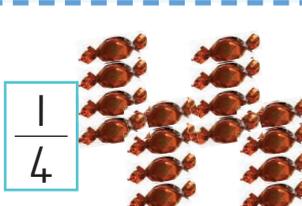
$$\frac{1}{2}$$

ingcenywe yehafu



$$\frac{1}{3}$$

ingcenywe yakuthathu



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

ingcenywe yekotara

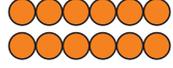


$$\frac{1}{5}$$

ingcenywe yakuhlano



Yabela abentwana ababili iimbalisi.

 <table border="1" data-bbox="243 539 482 728"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>					 <table border="1" data-bbox="564 539 803 728"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>					 <table border="1" data-bbox="885 539 1124 728"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>					 <table border="1" data-bbox="1206 539 1446 728"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>				
																			
																			
																			
																			
																			
																			
																			
																			
<ul style="list-style-type: none"> • Omunye nomunye ufunyene iimbalisi ezi- <u>2</u> • Ihafu yeembalisi ezi- <u>4</u> ngu <u>2</u>. 	<ul style="list-style-type: none"> • Omunye nomunye ufunyene iimbalisi ezi- <u> </u> • <u> </u> yaka <u> </u> ngu <u> </u>. 	<ul style="list-style-type: none"> • Omunye nomunye ufunyene iimbalisi ezi- <u> </u> • <u> </u> yaka <u> </u> ngu <u> </u>. 	<ul style="list-style-type: none"> • Omunye nomunye ufunyene iimbalisi ezi- <u> </u> • <u> </u> yaka <u> </u> ngu <u> </u>. 																
$4 \div 2 = 2$	$___ \div ___ = ___$	$___ \div ___ = ___$	$___ \div ___ = ___$																



Yabela abentwana amaswidi ngokulingana.

 <table border="1" data-bbox="338 1446 703 1635"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>									 <table border="1" data-bbox="989 1446 1354 1635"> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>						
															
															
<ul style="list-style-type: none"> • ikotara amaswidi = 3 • amakotara amabili amaswidi = <u> </u> • amakotara amathathu amaswidi = <u> </u> • amakotara amane amaswidi = <u> </u> 	<ul style="list-style-type: none"> • isiquntu esisodwa sesithathu amaswidi = <u> </u> • iinquntu ezimbili zesithathu amaswidi = <u> </u> • iinquntu ezintathu zesithathu amaswidi = <u> </u> 														





Ukuya ngesidleni

Singatlola isikhathi esifanako ngeendlela ezihlukileko.

Sekusikhathi

2:15	5:30	9:45
likotara ngemva kwelesibili	siquntu ngemva kwelesihlanu	likotara ngaphambi kweletjhumi

Tlola lokhu ngeendlela ezimbili ezihlukileko.

<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <hr style="border: 0; border-top: 1px solid black;"/>	<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <hr style="border: 0; border-top: 1px solid black;"/>	<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <hr style="border: 0; border-top: 1px solid black;"/>

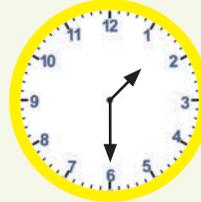


Ukuya ekhaya

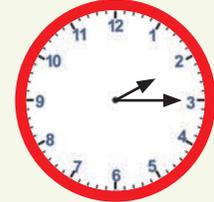
UBen uthatha isikhathi esingangani ukufika ekhaya?

imizuzu

ama-iri



UBen usuka
esikolweni.



UBen ufika
ekhaya.



Isikhathi siyagijima

Isikhathi ngaku-2 ...



Mingaki ...

imizuzu ema-irini ama-2? _____

ama-iri ngamalanga ama-2? _____

amalanga ngeemveke ezi-2? _____

iinyanga ngeminyaka emi-2? _____



Malanga amangaki?

UMrhayili 27 liLanga leKululeko.

UMgwengweni 16 liLanga leLutjha.

- Ukusukela ngelanga lekuleleko ukufika ngelanga labatjha kuna _____ weenyanga zoke, _____ wamaveke woke na. _____ wamalanga.
- Zingaki iimveke zoke kikho koke? _____ Mangaki amalanga aseleko? _____. Mangaki amalanga kikho koke? _____.
- Ilanga lamabeletho wakaLebo limalanga ali-7 ngaphambi kweLanga leKululeko. Ilanga lamabeletho wakaMusa limalanga amabili ngemva kwelanga leLutjha. Ngubani omdala? _____ Ngamalanga amangaki? _____

Tjhega. Madanisa.
Lungisa.

USiHabantangana						
Mwl	Lsb	Lst	Lsn	Lsh	Mga	Snd
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					

UmMrhayili						
Mwl	Lsb	Lst	Lsn	Lsh	Mga	Snd
		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		

UMgwengweni						
Mwl	Lsb	Lst	Lsn	Lsh	Mga	Snd
						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

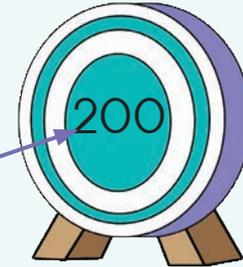


Teacher: _____
Sign: _____
Date: _____

Kunqotjhiwe kuma-200



Balani iinomboro



Balani benitjho zoke iinomboro kusukela e-101 ukuya ema-200.
Khombani nanilokhu nibala.



101	102							
111								
121								
131								
							149	
		154						
			165					
	173							180
181				186				
						198		200



Tlolani iinomboro

- Tlolani inomboro etlhayelako esikwereni ngasinye esihlaza kwesibhakabhaka.
- Tlolani zoke ezinye iinomboro.
- Tlolani iinomboro ezili-10 ezilandelako ngemva kwama-200.

200; _____; _____; _____; _____; _____; _____; _____; _____; _____; _____



Ingangani imeqo?

a.

200		180			
					110
50					
					0

b.

87		107	
167			
		207	
			237



Qedelela

200	+	30	+	5	=	235
200	+	40	+	7	=	_____
200	+	60	+	8	=	_____
	+		+		=	293
	+		+		=	256

Hlela iinomboro zilandelane kusuka kencana kuye kekulu.



Balani kusukela e-100

Zalisa amabhoksi anganalitho ngokubala kobana ngikuphi okutlhogako ukufika enomborweni elandelako.

Thomani

100	→ +25 →	125	→		→	129	→		→	138
-----	---------	-----	---	--	---	-----	---	--	---	-----

Qedani

168	←		←	157	←		←	151	←		←	145
-----	---	--	---	-----	---	--	---	-----	---	--	---	-----



Teacher: _____

Sign: _____

Date: _____

Ukusebenza ngamabuthhelelo weenomboro



Ukupaka amakerese

UNaNkosi usebenza efemini yamakerese.

Lokha amakerese nasele alungile, uwapaka ngendlela le elandelako ngamathreyi eenrageni.



Kunamakerese amangaki ethreyini ngayinye? _____

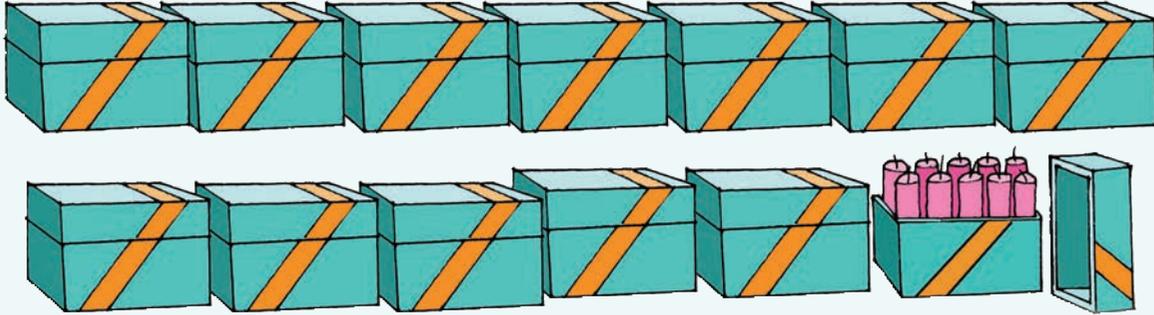
Kunamathreyi amangaki erageni ngayinye? _____

Kunama-keresi amangaki erageni ngayinye? _____



Amabhoksi wamakerese

Okulandelako uNaNkosi uvala amabhoksi.



a. Bala amabhoksi.

Mangaki? _____
Amakerese mangaki selawoke? _____
Kufanele kwenziwe mangaki amanye amabhoksi ukwenza ama-200 wamakerese? _____

b. Mangaki amabhoksi we-:

amabhoksi ama-2, _____	amabhoksi ama-4, _____
amabhoksi ama-5, _____	amabhoksi ama-3, _____
amabhoksi ama-6, _____	amabhoksi ama-7, _____

c. Mangaki amabhoksi awadingako we:

40 _____ amabhoksi	70 _____ amabhoksi
50 _____ amabhoksi	30 _____ amabhoksi



Teacher:
Sign:
Date:

35a

Ilanga:

Ukubeka amatjumi ndawonye nokuwahlukanisa

Ithemu 2



Ukubeka amatjumi ndawonye lokha nasihlanganisako.

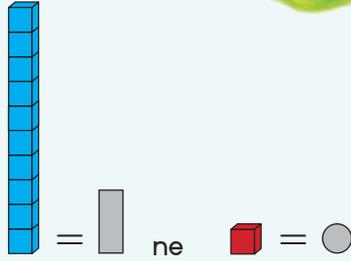
<p>Asihlanganiseni $56 + 73 =$</p>		<p>+</p>	
	<p>amatjumi ama-5 namayunidi ama-6</p>		<p>amatjumi ali-7 namayunidi ama-3</p>

100s	10s	1s
<p>Nasele kukoke sinamatjumi ali-12. Singabeka amatjumi ama-10 ndawonye ukwenza ikhulu li-1.</p>		



Asilingeni lokhu.

Isibonelo: $82 + 34$



$100 + 20 + 6 = 126$	

b. $65 + 52$

c. $76 + 63$

d. $86 + 65$



Teacher: _____
Sign: _____
Date: _____

Ukubeka amatjhumini ndawonye nokuwahlukanisa (kuragela phambili)



Sebenzisa amabhlogo wobukhulu beenomboro.

Sebenzisa amabhlogo wobukhulu beenomboro ukwenza iinomboro ezimbilezi.	Koke ndawonye mangaki amatjhumini? bangaki abowani?	Ingabe uhlele amatjhumini namkha abowani? Tjhega ubukhulu beenomboro lapho uhlela kabutjha.	Tlola inomboro.
$23 + 99 =$	____ amatjhumini ____ abowani	abowani aba-11 + amayunidi ali-12 $= 110 + 12$	122
$38 + 25 =$	____ amatjhumini ____ abowani		
$77 + 31 =$	____ amatjhumini ____ abowani		
$68 + 45 =$	____ amatjhumini ____ abowani		
$83 + 47 =$	____ amatjhumini ____ abowani		



Asibekela amatjhumini ngeqadi lokha nasikhuphako

Lokha nasikhuphako, kesinye isikhathi sitlhoga kobana sitjengise itjhumini linye njengabowani abalitjhumini, namkha ikhulu njenge-10 elimatjhumini.

Asikhuphe kuma: $60 - 55 =$

Sithoma amatjhumini amathandathu begodu hayi abowani. Sifuna ukukhupha amatjhumini amahlanu nabowani abahlanu

(abowani esibasusako sibafake umbala omlotha.)

Singatjengisa amatjhumini amathandathu nje.	Namkha njengamatjhumini amahlanu nabowani abalitjhumini.	Susa amatjhumini amahlanu nabowani abahlanu. Abowani abahlanu basele.
		$60 - 55 = 5$



Asilingeni lokhu.

a. $70 - 28$

7 amatjhumi	6 amatjhumi ne-10 labowani	$70 - 28 =$	

b. $90 - 46$

c. $80 - 53$



Fumana ipara yeenomboro

a.

200	
30	

b.

200	
70	

c.

200	
	105

d.

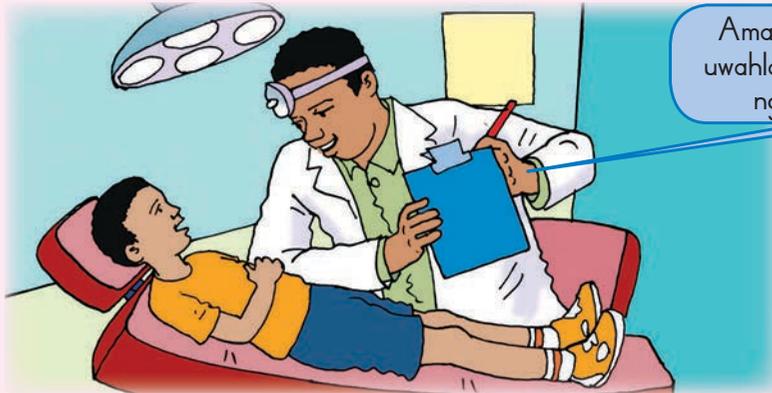
200	
85	



Teacher:
Sign:
Date:

Ukuvakatjhela udorhodere wamazinyo

Isiqhema sabentwana sivakatjhela udorhodere wamazinyo.



Amazinyo wakho uwahlamba kangaki ngelanga?

Lokhu ngilokho abentwana abamtjela khona



	✓	✓	✓	✓	✓	✓	✓	✓											
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓														

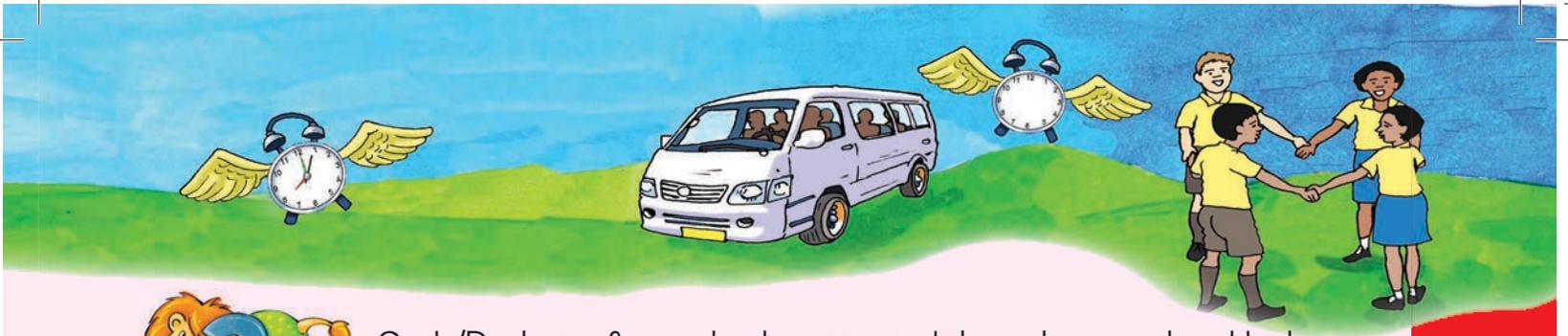
a. Bala amathiki atjengisa kobana abentwana bahlamba amazinyo wabo kangaki. Tlola iinomboro (✓).

 Kanye ngelanga	
 Kabili ngelanga	
 Kathathu ngelanga	

b. Ubona ini phezulu kwetafula?

Inengi labentwana lihlamba amazinyo wabo _____ ngelanga.

Kunabentwana aba _____ esiqhemeni.



Gwala/Dweba igrafu yeenthombe ezitjengisa kobana abentwana bawahlamba kangaki amazinyo wabo ngelanga.



Yenza iphenyo ngetlasini lakho. Buza abentwana abahlangana ne-15 – 20.

- a. Bawahlamba kangaki amazinyo ngelanga? _____
- b. Gwala igrafu yeenthombe efana nale engehla ukuze utjengise okufunyeneko.





Teacher:

Sign: _____

Date: _____



Kwanje akhe ulinge lokhu ngokwakho. Yenza kunye ngendlela ezimbili ezihlukeneko.

a. $86 + 62$

Indlela yakaBusi.

$$80 + 60 + 6 + 2$$



Indlela yaka-Dumi

$$80 + 6 + 60 + 2$$



b. $72 + 63$

c. $81 + 57$

d. $69 + 71$

Sebenzisa iindlela ka-Aakar ukwenza lokhu.



Teacher: _____

Sign: _____

Date: _____

37b

Ilanga:

Ithemu 2

Hlanganisa (kuragela phambili)



Kwanje asikhuphe.

a. $87 - 53$

Indlela yakaBusi.

$$\begin{aligned}
 &80 - 50 + 7 - 3 \\
 &= 30 + 4 \\
 &= 34
 \end{aligned}$$



Indlela yaka-Tumi

$$\begin{aligned}
 &80 + 7 - 50 + 3 \\
 &= 30 + 4 \\
 &= 34
 \end{aligned}$$



b. $95 - 73$

c. $86 - 62$

d. $85 - 69$



Rarulula!

Kuneendlela ezinengi zokuhlenganisa **ngamayunidi nangamatjhum**i ndawonye. Khetha indlela oyaziko begodu noyithanda khulu ukurarulula imiraro le. Tjengisa umsebenzakho.

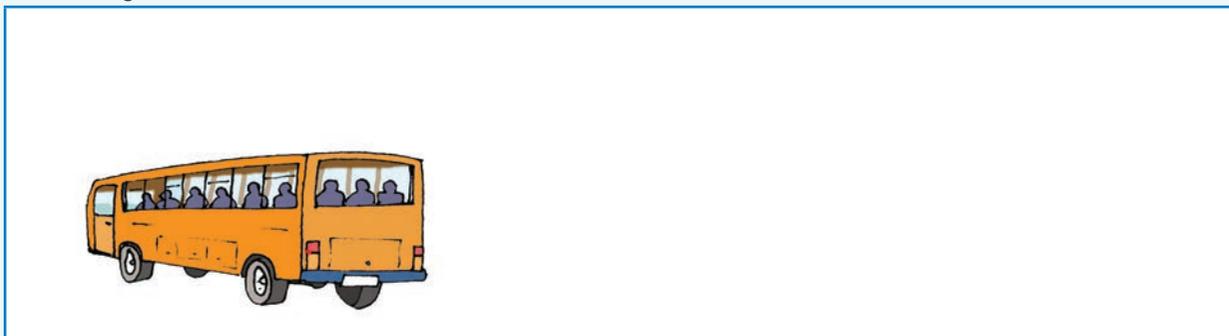
- a. UPeter uthoma ngokudobha iimperegisi ezima-34 begodu neemperegisi ezima-67. Zingaki iimperegisi nasele zizoke?



- b. Abentwana bakaMalusi babulunga ama-R47 nasele awoke. Unina ubanikela ngaphezulu amaranda ama-R58. Sebanamalini kwanjesi?



- c. Ibhesi yesikolo ikhamba 88 km ekuseni begodu 73 km ngemva kwedina. Mangaki ama-km nasele awoke?



Teacher:
Sign:
Date:

Rarulula!



Iimvalo zamabhodlelo

Sebenzisa enye nenye indlela oyithandako.
Tjengisa umsebenzakho.



USipho



U-Andile

USipho ubala iimvalo zamabhodlelo ezima-87. U-Andile ubala ezima-38.

USipho ubale iimvalo ezingaki ngehla kwakaSandile?



Ikhonsadi yesikolo



UMusa



UMusa uthengise amathikithi. Unamathikithi ama-92 athoma ngawo. Usele nama-67.

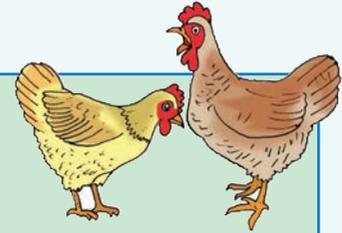
Bekube njenganje uMusa sele athengise amathikithi amangaki?



Ukuzijayeza



Kunamadzinyani ama-69 ngepanini yinye begodu ama-95 angakenye. Kuneenkukhu ezingaki lapho nasele zizoke? Funda kobana uGugu noAakar bawusombulula njani umraro.



Indlela kaGugu

$$\begin{aligned} &60 + 90 + 9 + 5 \\ &= 100 + 50 + 14 \\ &= 150 + 10 + 4 \\ &= 164 \end{aligned}$$



Indlela kaAakar

$$\begin{aligned} &69 + 95 \\ &= 70 + 95 - 1 \\ &= 70 + 90 + 5 - 1 \\ &= 160 + 4 \\ &= 164 \end{aligned}$$

Ingabe uyazi kobana kubayini Ngikhuphe ku-1?



a. Abesana babuthelela ama-R96 ukulungiselela ikhambo letlasi. Abentazana babuthelela ama-R79. Ingabe babuthelele malini nasele iyoke?

Sebenzisa indlela kaGugu

Sebenzisa indlela kaAakar

b. Isikolo sinye sibuthelela amabhlegana ama-76 kg. Esinye isikolo sibuthelela amabhlegana ama-68 kg. Ma-kg amangaki wamabhlegana abuthelelwe ziinkolo ezimbili nasele awoke?

Sebenzisa indlela kaGugu

Sebenzisa indlela ka-Aakar



Teacher: _____
Sign: _____
Date: _____

Bala bewubalisise

Ithemu 2



Fumana ingcenywe

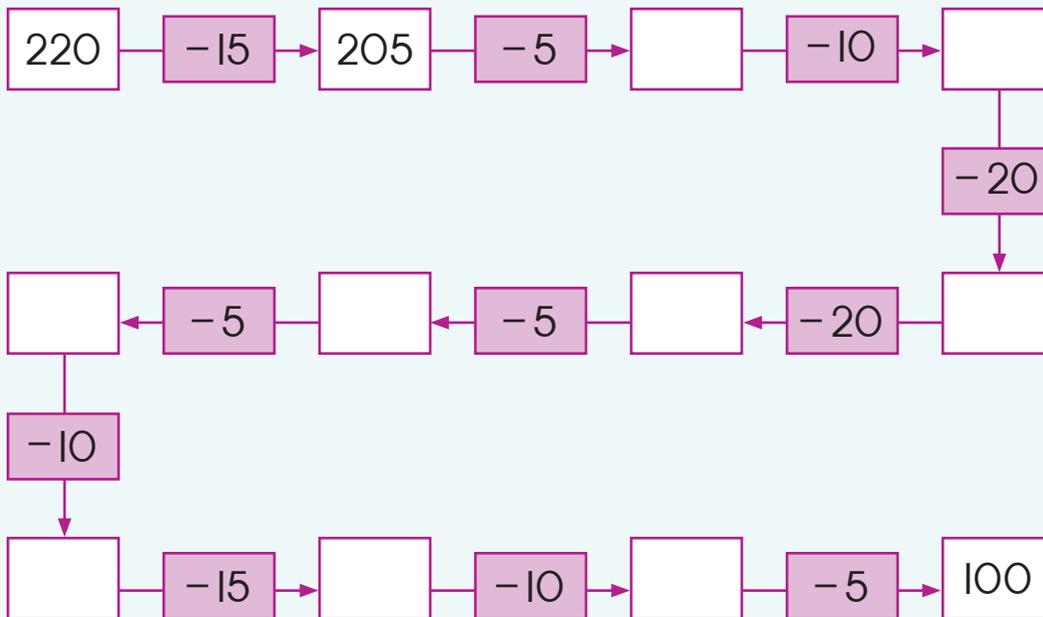
Tlola iinomboro ezitlhayelako.

a.	$\begin{array}{ c c } \hline 100 & \\ \hline \hline & 27 \\ \hline \end{array}$	b.	$\begin{array}{ c c } \hline 100 & \\ \hline \hline 39 & \\ \hline \end{array}$	c.	$\begin{array}{ c c } \hline 100 & \\ \hline \hline 43 & \\ \hline \end{array}$	d.	$\begin{array}{ c c } \hline 100 & \\ \hline \hline 56 & \\ \hline \end{array}$
e.	$\begin{array}{ c c } \hline 200 & \\ \hline \hline 140 & \\ \hline \end{array}$	f.	$\begin{array}{ c c } \hline 200 & \\ \hline \hline & 110 \\ \hline \end{array}$	g.	$\begin{array}{ c c } \hline 200 & \\ \hline \hline 135 & \\ \hline \end{array}$	h.	$\begin{array}{ c c } \hline 200 & \\ \hline \hline & 120 \\ \hline \end{array}$



Ukukhupha sinyovana kusukela ema-220 ukuya e-100.

Ukhupha inomboro engebhoksini elipinki.
Yokuthoma selewenzelwe yona.



Nasi indlela yokutjhega iimpendulo zakho! Thoma e-100! Sebenzela emva ukuya ema-220. Kodwana kwanjesi, hlanganisa iinomboro.



Imindeni yangabathathu

Fumana iinomboro ezi-3 ezihlanganisa inomboro enqophiweko. Kodwana kufanele ulandele umthetho othi yinomboro yinye kwaphela engaphelela ngo-0.

Isibonelo:



Amatjhumi ama-50 ngaphezulu namatjhumi ama-50 ngaphasi.

Tlola iimpendulo emideni wesi-2.

+50	70	125	150	81	96	122	134	111	70
	120								
-50	186	200	158	179	139	79	126	138	99
	136								



Teacher: _____

Sign: _____

Date: _____

40

Ilanga:

Ithemu 2

Ukumeda ngamasenthimitha



Isentimitha lingangani?



Iinomboro eruleni zijamele amasenthimitha.

Sisebenzisa isirhunyezo namkha itshwayo cm.

Lokha nawusebenzisa irula, kufanele uthome ukumeda kusukela ku-0.

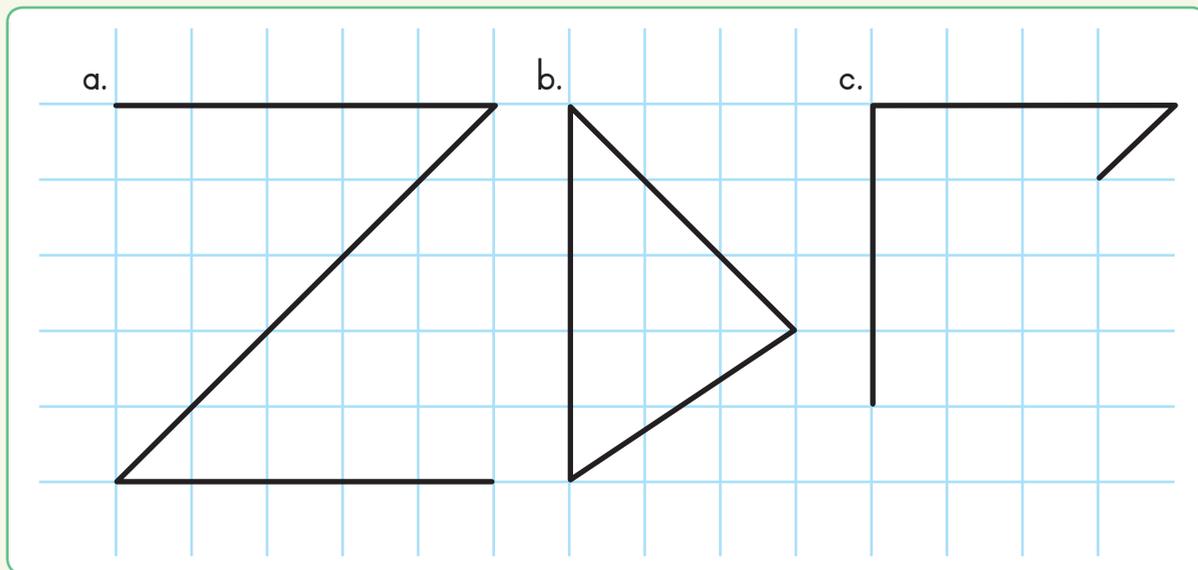
Amanye amarula akatjengisi u-0 njengale esekhasineli.

Fumana uziro cm eruleni. Tlola u-0 eruleni.

Ikuphi i-10 cm eruleni le? Tlola i-10 lapha.



Linganisa, bese ulinganisa ngefanelo ngerula yakho, inani eliphheleleko lobude bemida leyo ngama-cm.



a. Linganisa ama-cm

b. Linganisa ama-cm

c. Linganisa ama-cm

Meda ama-cm

Meda ama-cm

Meda ama-cm



Ingabe umuda ngamunye mude kangangani?

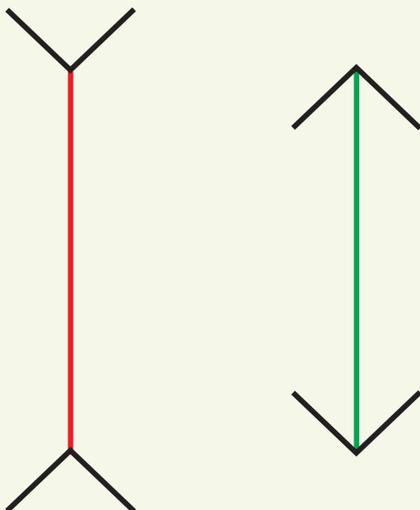
Umuda ngamunye unama-cm amangaki ubude?
Sebenzisa umunwakho ukusize ukuqunta.

a. _____ <input type="text"/> cm	d. <input type="text"/> cm
b. _____ <input type="text"/> cm	e. _____ <input type="text"/> cm
c. _____ <input type="text"/> cm	f. _____ <input type="text"/> cm



Uqinisekile?

Ngimuphi omudenyana, umthala obomvu namkha umthala ohlaza satjani?
Ungatjhega bunjani?



Lokhu ngilokho okubizwa ngokuthi kuphambanisa amehlo. Kwenzeka lokha amehlwakho abona kwangathi kunento kanti ayikho. Imida emibili le iyalingana. Imida enzima elulekela ngaphandle yenza kobana imida ebovu ibonakale kwanga mide kanti imida enzima engenela ngaphakathi yenza imida ehlazakotjani ibonakale kwangamide.



Teacher: _____
Sign: _____
Date: _____

Ilanga:

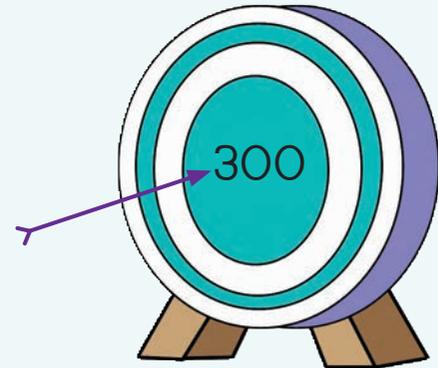
41

Kunqotjhwe kuma-300

Ithemu 2



Bala bewutlole ama-200!



Bala kusukela ema-201 ukuya ema-300.

Khomba nawulokhu uragela phambili.

Zalisa iinomboro ezihlaza kwesibhakabhaka qange.

Tlola ebunengini beenomboro.

201					207			210
211								
221								
231								
							249	
		254						
			265					
	273							280
281				286				
						298		300



Tlola iinomboro ezili-10 ezilandela ngemva kwama-300.

300; _____; _____; _____; _____; _____; _____; _____; _____; _____



Khuyini ukweqa?

301		281					
		171				211	
					101		



Tjhejisisa begodu umadanise

a. Tlola iinomboro ezingena ngekaradeni elinye nelinye.

298; 208; 301; 276; 227; 269; 311

200							
90							
8							

b. Tlola iinomboro ngokulandelana kusukela kezincani ukuya kezikulu.

_____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____



Ubuyelwa yimalini? Tlola iinomboro ezithlayelako.

Thoma

200	+25	225		237		249

Phetha

300		286		278		261



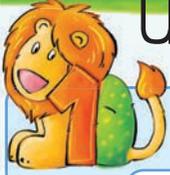
Teacher: _____
Sign: _____
Date: _____

42

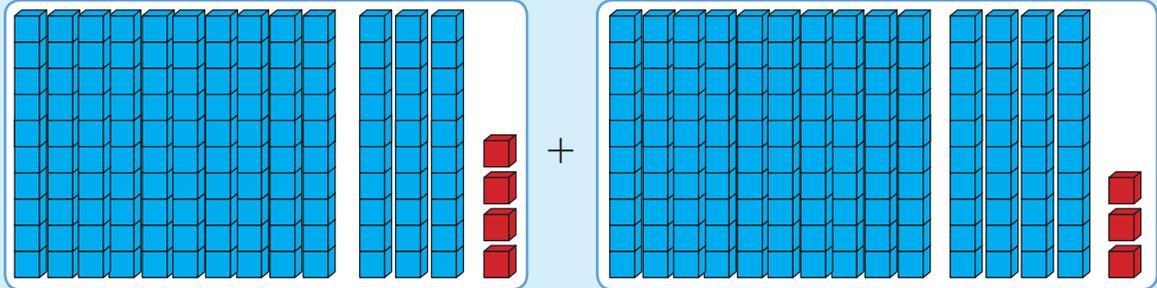
Ilanga:

Ithemu 2

Ukuhlanganisa kanye nokukhupha ngama-100



Ukuhlanganisa usebenzise amabhlogo.



$$\begin{array}{r}
 100 \quad 30 \quad 4 \\
 + \quad 100 \quad 40 \quad 3 \\
 \hline
 = 200 \quad 70 \quad 7 \\
 = 277
 \end{array}$$



Funyana iindlela ezimbili zokwenza lokhu. Tjengisa ipendulo enye nenye ngendlela ezimbili.

a. $132 + 123$

Indlela yakaBusi

$$\begin{aligned}
 &= 100 + 100 + 30 + 20 + 2 + 3 \\
 &= 200 + 50 + 5 \\
 &= 255
 \end{aligned}$$



Indlela yaka-Tumi

$$\begin{aligned}
 &132 + 123 \\
 &= 200 + 50 + 5 \\
 &= 255
 \end{aligned}$$



b. $114 + 162$



c. $276 + 148$



Funda enye nenye indlela. Sebenza esinye nesinye isibalo ngeendlela ezimbili.

a. $158 - 146$

Indlela yakaBusi

$$= 100 - 100 + 50 - 40 + 8 - 6$$

$$= 0 + 10 + 2$$

$$= 12$$



Indlela yakaTumi

$$158 - 146$$

$$= 0 + 10 + 2$$

$$= 12$$



b. $194 - 122$

c. $288 - 199$



Teacher: _____

Sign: _____

Date: _____

43

Ilanga:

Ithemu 2

Kunqotjhwe kuma-400

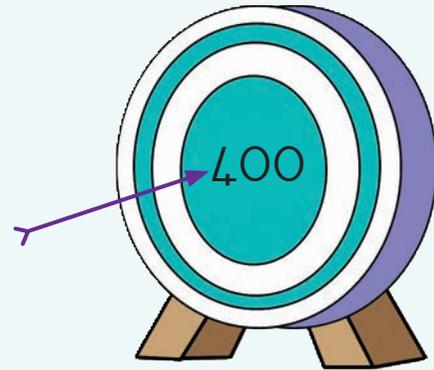


Ukubala kanye nokutlola ama-400

Ukubala kusuka kuma-300 bekufike kuma-400.

Phimisela/Yitjho iinomboro nawulokhu uya phambili ubala.

Tlola iinomboro ezitlhayelako kugridi.



301									310
			315						
									330
331			335						
							249		
			365			368			
		273							
									390
									400

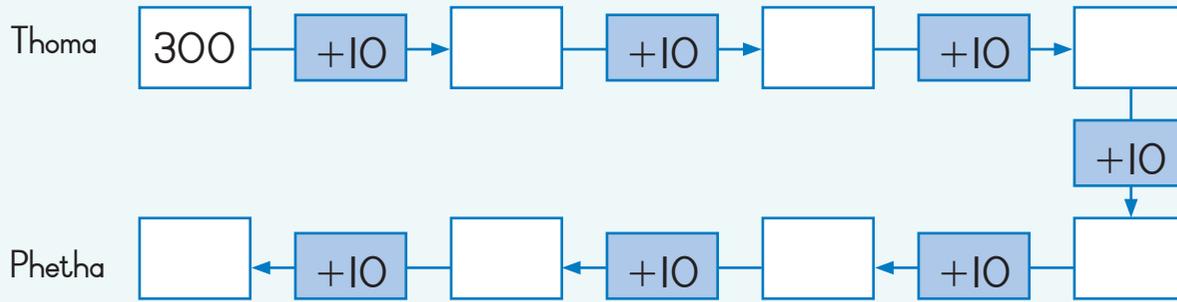
Tlola ezinye iinomboro ezili-9 eziza ngemuva kwama-400.

400; _____; _____; _____; _____; _____; _____; _____; _____; _____;

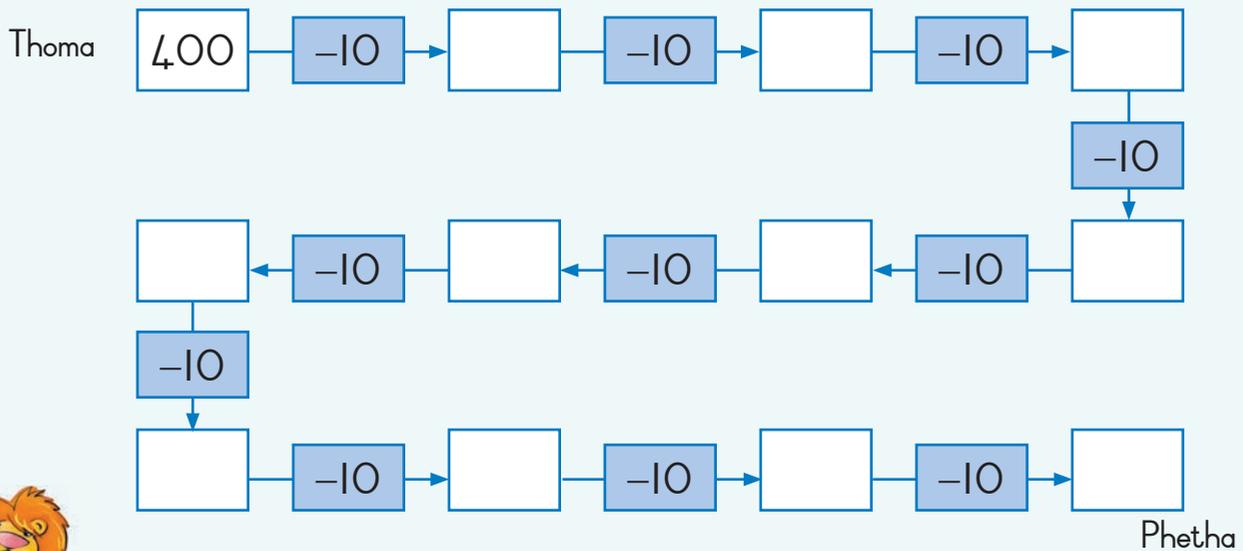


Bala uye phambili ubuye ubale sinyovana.

a. Ukubala kusuka kuma-300 nokuya phambili



b. Bala ukusuka kuma-400 ubuye emuva ngama-10.



Tlola kube yinomboro eyodwa

$300 + 20 + 4 = \underline{\hspace{2cm}}$

$300 + 10 + 5 = \underline{\hspace{2cm}}$

$300 + 50 + 3 = \underline{\hspace{2cm}}$

$300 + 70 + 7 = \underline{\hspace{2cm}}$

$300 + 60 + 2 = \underline{\hspace{2cm}}$

$300 + 90 + 9 = \underline{\hspace{2cm}}$

$300 + 80 + 1 = \underline{\hspace{2cm}}$

$300 + 40 + 8 = \underline{\hspace{2cm}}$

Tlola inomboro ngokulandelana kusuke kencani kuye kekulu khulu.



Teacher: _____
 Sign: _____
 Date: _____

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Ilanga:

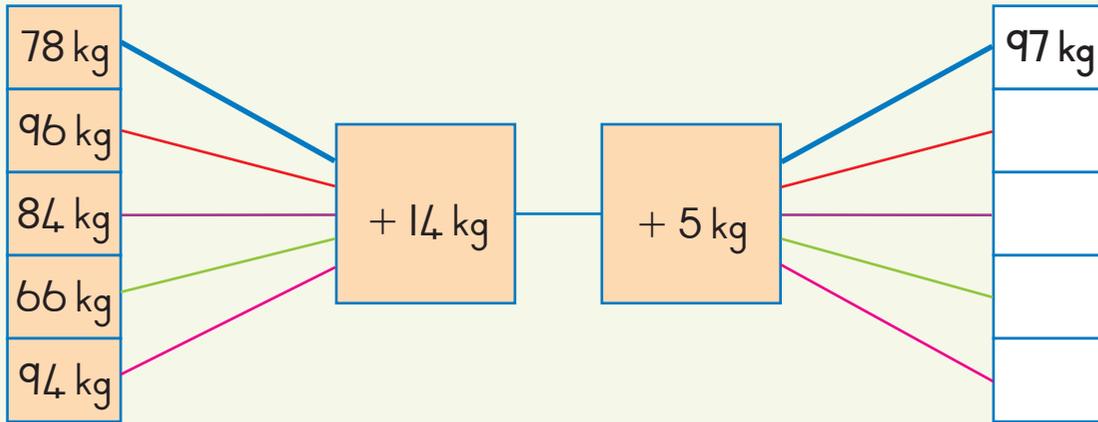
Ithemu 2

Ukukala



Ngezelela ngamakhilogramu

Hlanganisa begodu ufumane iimpendulo.



Yenza okupheleleko begodu uhlanganise!

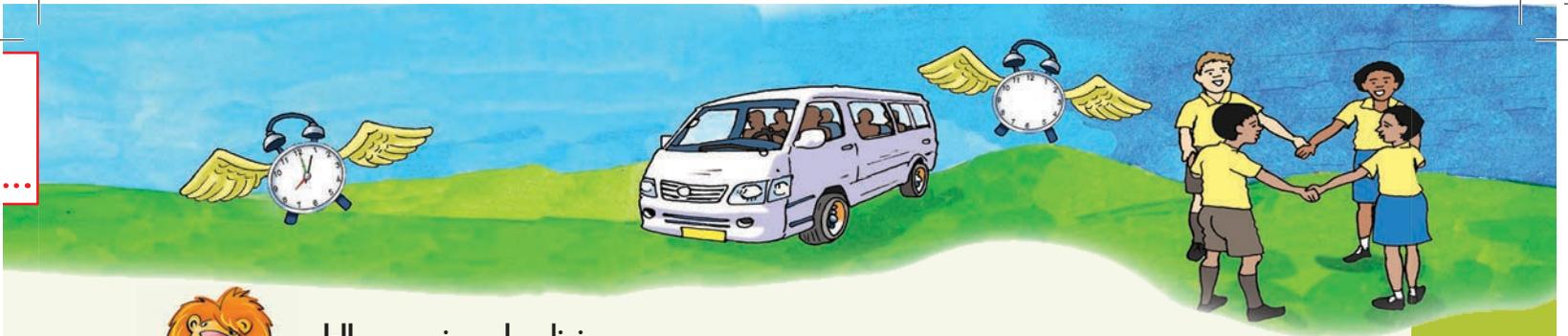
Cabanga kuhle!

Ujakalasi ma-25 kg	Ikguru ma-98 kg	Ifene ma-59 kg	Umntwana wedube ma-88 kg	Iphelikheni ma-9 kg

Yenza ubudisi ngabunye buphelele ububandameze e-10 lama-kg.

Tlola ubudisi ngokulandelana kusukela kokubulula ukuya kokubudisi.

Linganisa ithothali yobudisi beenyamazana ezi-5.



Hlanganisa ubudisi



Kungenzeka ngingabibudisi njengawe. Ikghuru omdala, kodwana nginesiqiniseko ngimasinyana!



Amagadango

- Sebenzisa inani elenziwe ngokupheleleko.
- Linganisa ubudisi beenyamazana emadeni ngamunye.
- Bala ithothali.
- Madanisa amathothali amabili begodu tlola umehluko.

	Ngiyalinganisa	Ngiyabala	Umehluko
 + 			
 +  + 			
 +  + 			



Ubudisi bakaVusi

Tjhega. Madanisa. Lungisa.

UVusi uhlanganisa ubudisi bakhe nobudisi be  begodu ne .

Ubudisi babo buma-239 kg. Ingabe uVusi unobudisi obungangani? Tjengisa ipendulo yakho.



Buyini ubudisi bami?

Dlala esiqhemeni. Dlheganani ...

Hlanganisa ubudisi bakho ebudisini bezinye zeenyamazana. Sebenza ithothali. Tjela isiqhema kobana ipendulo ithini. Ungabatjengisi umsebenzakho! Kufanele balinge basebenze ubudisi bakho.



Teacher: _____

Sign: _____

Date: _____

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Ilanga:

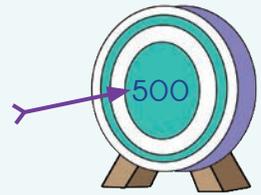
Ithemu 2



Kunqotjhwe kuma-500

Bala bewutlole!

400



401				405					410
411									420
	422					427			
			434						
					446				
							458		
	462								470
		473				477			
481									490
							499		500

- Ragela phambili nokubala kusuka ema-400. Yitjho iinomboro nawulokhu ubala.
- Tlola iinomboro ezitlhayelako ngegridini.
- Tlola iinomboro ezilandelako ezili-9 ngemva kwama-500.

500; _____; _____; _____; _____; _____; _____; _____; _____

- Bala ngaku-2. Tlola iinomboro ezilandelako ezibu-8 **ngephetheni yangaku-2**.

400; 402; _____; _____; _____; _____; _____; _____; _____

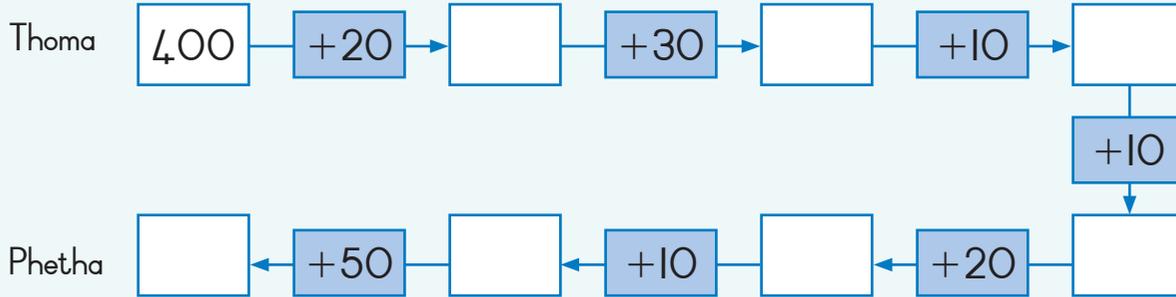
- Bala ngaku-5. Tlola iinomboro ezilandelako ezibu-8 **ngephetheni yangaku-5**.

400; 405; _____; _____; _____; _____; _____; _____; _____

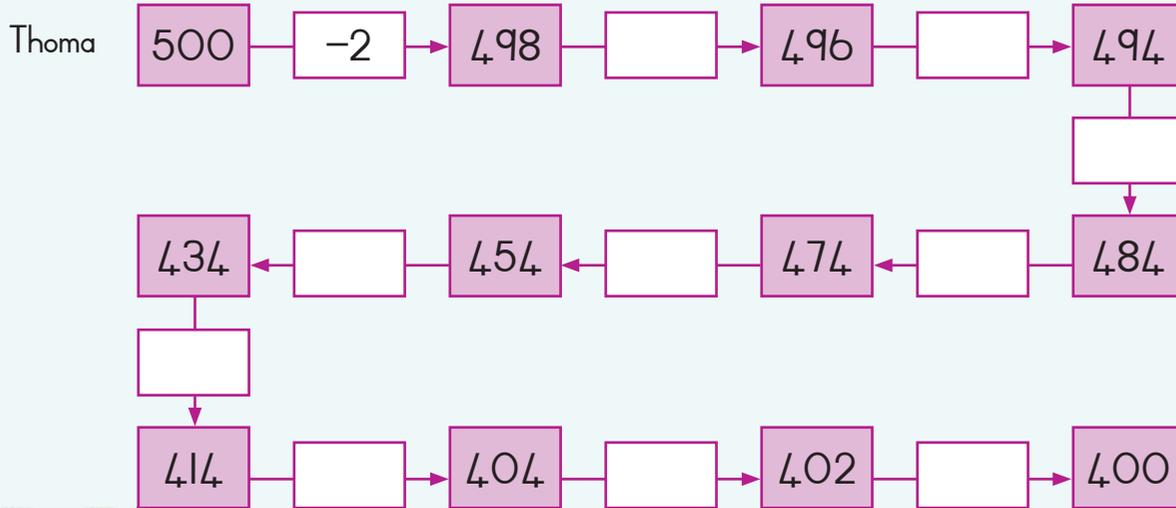


Zalisa ngeenomboro ezitlhayelako.

a. Hlanganisa uye phambili kusukela ema-400.



b. Bala ubuyele emva kusukela ema-500.



Phetha



Tjengisa iinomboro. Landela isibonelo.

Fumana ithothali yeenomboro lezi. Sebenzisa ikarada lakho leenomboro ukutjengisa ithothali ngayinye.

$405 + 10$	415	$400 + 10 + 5$
$446 + 10$		
$455 + 10$		

$398 + 10$		
$424 + 10$		
$460 + 20$		



Teacher: _____
Sign: _____
Date: _____

46

Ilanga:

Okhunye ukuhlanganisa kanye nokukhupha

Ithemu 2

$\begin{array}{r} 200 \\ 200 \\ + 50 \\ + 30 \\ + 4 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 400 \\ + 80 \\ + 9 \\ \hline \end{array}$	489
---	---	-------



Siyokusebenzisa iindlela zakaBusi kanye no-Dumi zokubala godu ukuhlanganisa.

a. $245 + 231$

Indlela yakaBusi

$$\begin{aligned} &= 200 + 200 + 40 + 30 + 1 \\ &= 400 + 70 + 1 \\ &= 471 \end{aligned}$$



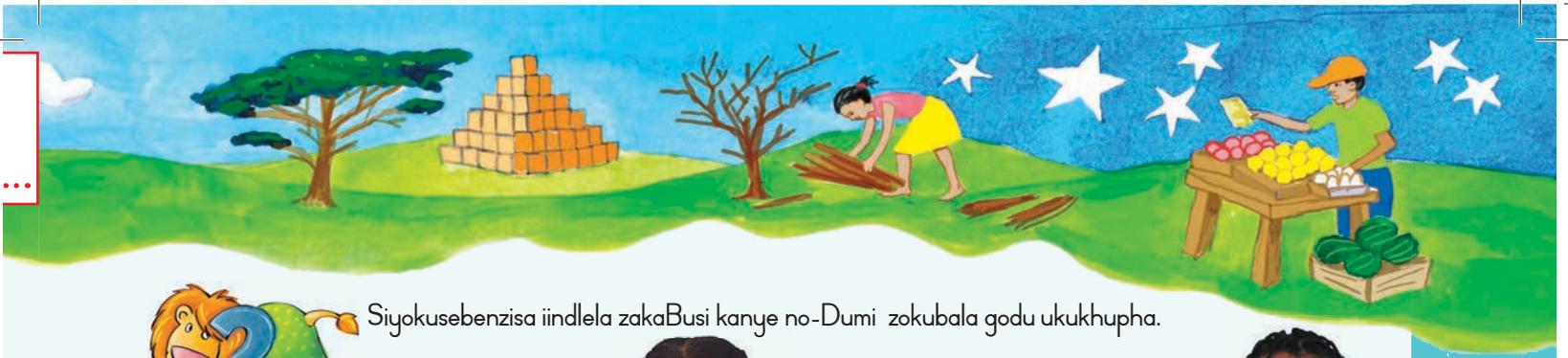
Indlela yakaTumi

$$\begin{array}{r} 245 + 231 \\ \hline = 400 + 70 + 6 \\ = 471 \end{array}$$



b. $278 + 136$

c. $265 + 148$



Siyokusebenzisa iindlela zakaBusi kanye no-Dumi zokubala godu ukukhupha.

a. $476 - 324$

Indlela yakaBusi

$$= 400 - 300 + 70 - 20 + 6 - 4$$

$$= 100 + 50 + 2$$

$$= 152$$



Indlela yakaTumi

$$476 + 324$$

$$= 100 + 50 + 2$$

$$= 152$$

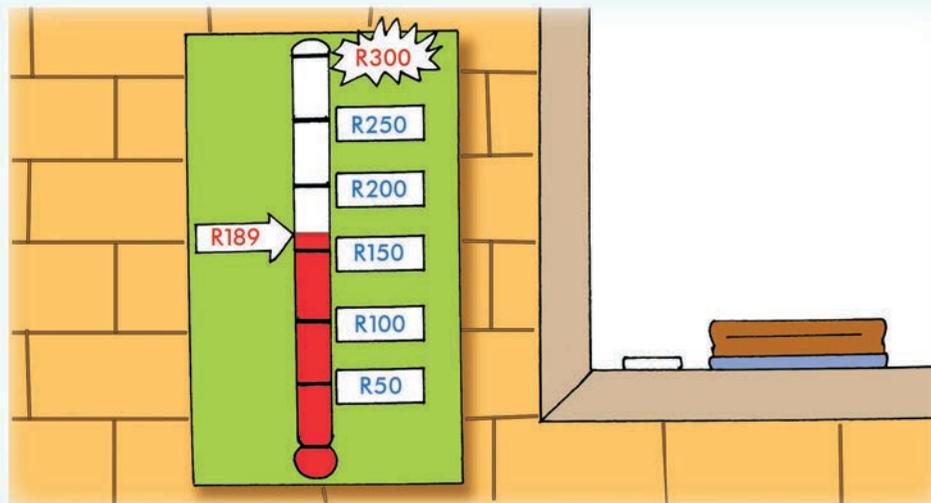


b. $489 - 456$

c. $482 - 161$



Funda okunqotjhiweko



Funda isithombe.

Kusele kangangani ukufikelela emnqopheni?

R



Teacher: _____

Sign: _____

Date: _____

Ilanga:

47

Lola amakghono wakho

Ithemu 2



Intaba yefihlo

Liyini ibizo lentaba ephezulu khulu eGauteng? Sebenzisa ikhowudi ukuyifumana. Madanisa ipendulo ngayinye etheyibuleni neledere elisekhowudini.

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

Umtlhalo weenomboro	Ipendulo	Iledere
Isibonelo: $2 \times 3 \times 3 \times 1 = \square$	18	R
$50 + 50 + 50 + 100 - 200 - 45 = \square$		
$1 + 2 + 7 + 10 + 7 + 1 - 14 = \square$		
$60 - 30 + 50 + 20 - 50 - 15 - 20 = \square$		
$3 + 2 + 7 + 1 + 2 + 1 + 3 = \square$		
$5 + 3 + 30 = 4 + 2 + 12 + \square$		
$100 - 5 - 70 = 20 + \square$		
$36 + 44 - 60 - 22 = \square$		
$10 + 15 = 14 + \square$		
$2 + 1 + 14 + 9 + 14 = 25 + \square$		
$1 \times 2 \times 2 \times 2 \times 2 = \square$		

Ibizo lentaba yi:



Qala! Cabanga, begodu phendula!

* ◐ * * ◐ * * ◐ *

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

- a.
- | | |
|--|---------------------------|
| Inomboro 16 izokuba libumbeko liphi? Tshwaya (✓) elilungileko. | * <input type="radio"/> ◐ |
| Inomboro 18 izokuba libumbeko liphi? Tshwaya (✓) elilungileko. | * <input type="radio"/> ◐ |
| Inomboro 28 izokuba libumbeko liphi? Tshwaya (✓) elilungileko. | * <input type="radio"/> ◐ |

- b.
- | | |
|--|--------------------------|
| Inomboro-50 izokuba li-* | Liqiniso namkha Mamanga? |
| Inomboro-100 izokuba li- <input type="radio"/> | Liqiniso namkha Mamanga? |
| Inomboro-23 izokuba li-◐ | Liqiniso namkha Mamanga? |



Hlolisisa. Madanisa. Lungisa.

Ngikuphi okunengi?
 Ukuthola ama-R2.50 wesikhwama ngelanga enyangeni kaJuni noJulayi.
 Nanyana ukuthola ama-R150 ithothali yemali yokudla esikolweni yenyanga yoke.
 Tjengisa ukuthi uzoyisebenza njani.

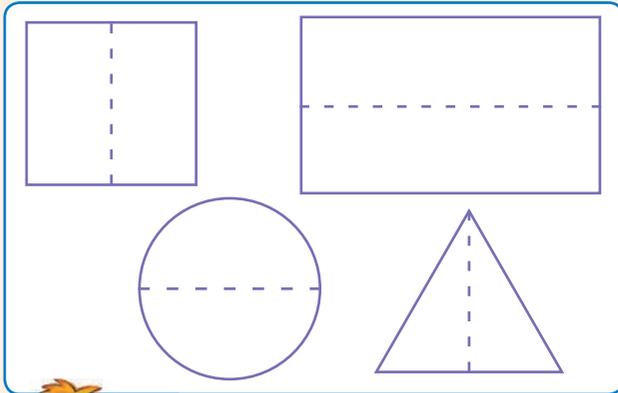


Teacher:
 Sign:
 Date:

11 12 13 14 15 16 17 18 19 20

Ukufana nca zoke/isimethri

Ngikuphi okuyelelako ngamajamo?



Umuda wesimethri wehlukana amahafu amabili phakathi ukuze ihafu eyodwa itjengise ubujamo benye ihafu.

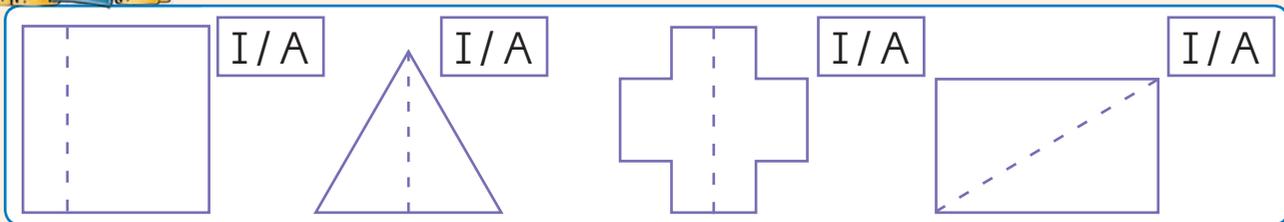
Ubjamo ngabunye bunayo isimethri lokha nawugoba phakathi bewuhlanganise iphepha ukuze ingcenywe zombili zilingane.



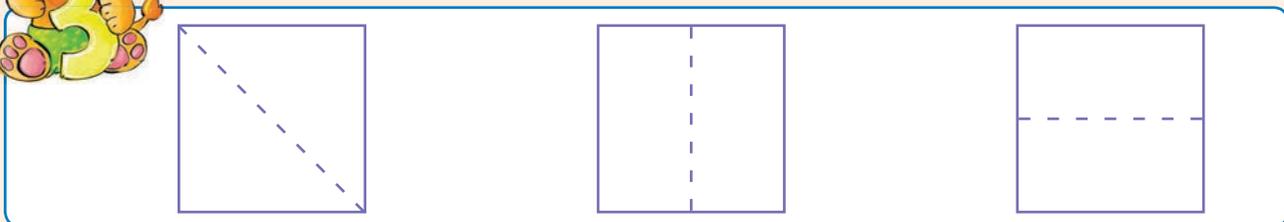
Gwala umuda olinganisa nca zoke ejameni ngalinye.



Ingabe umuda omacaphaza mumuda owenza kobana kulingane nca zoke? Ndulungela (Iye) nawuvumako namkha (Awa) nawulandulako.



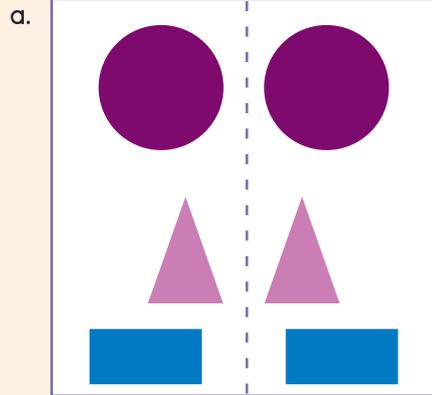
Ingabe lowo mumuda olinganisa nca zoke? Kungani utjho njalo?



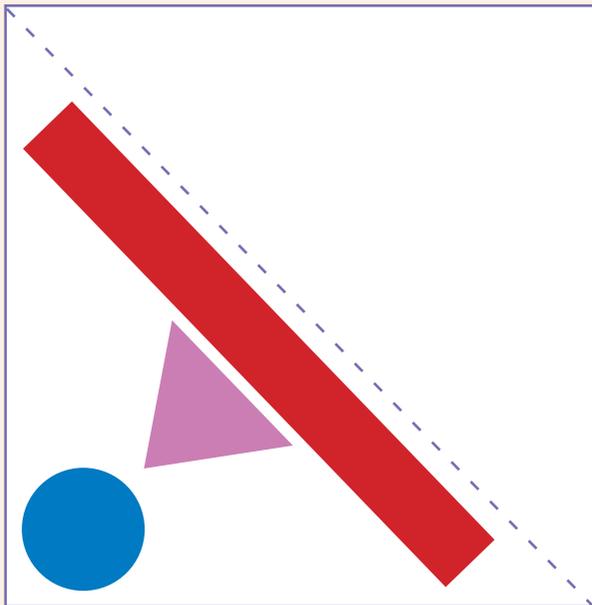


Gwala amajamo ukwenza isithombe silingane nca zoke.

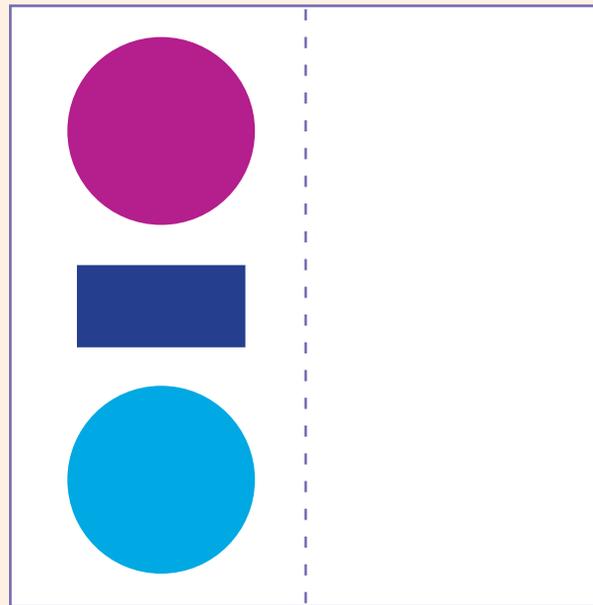
Sewenzelwe isibonelo.



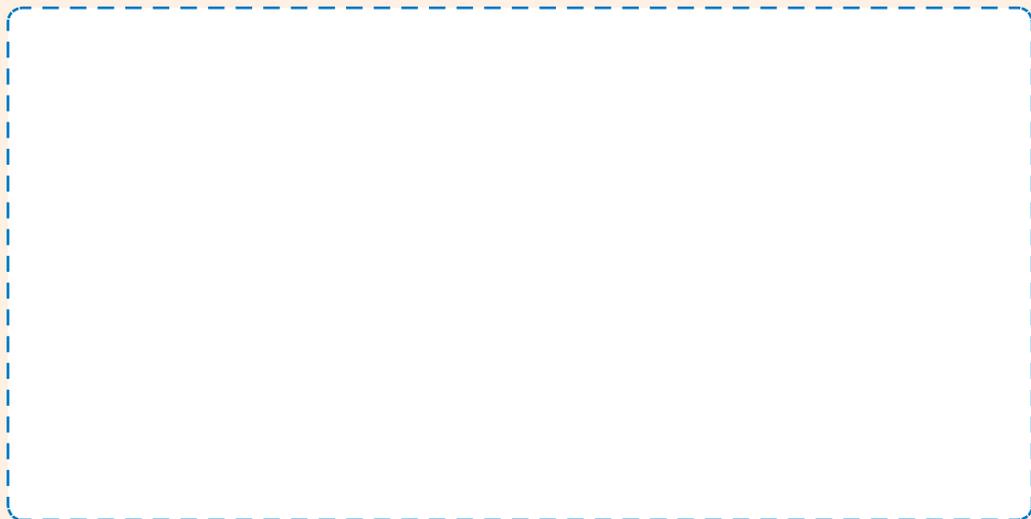
b.



c.



Zenzele wakho umuda olingana nca zoke usebenzisa amajamo.



Teacher: _____
 Sign: _____
 Date: _____

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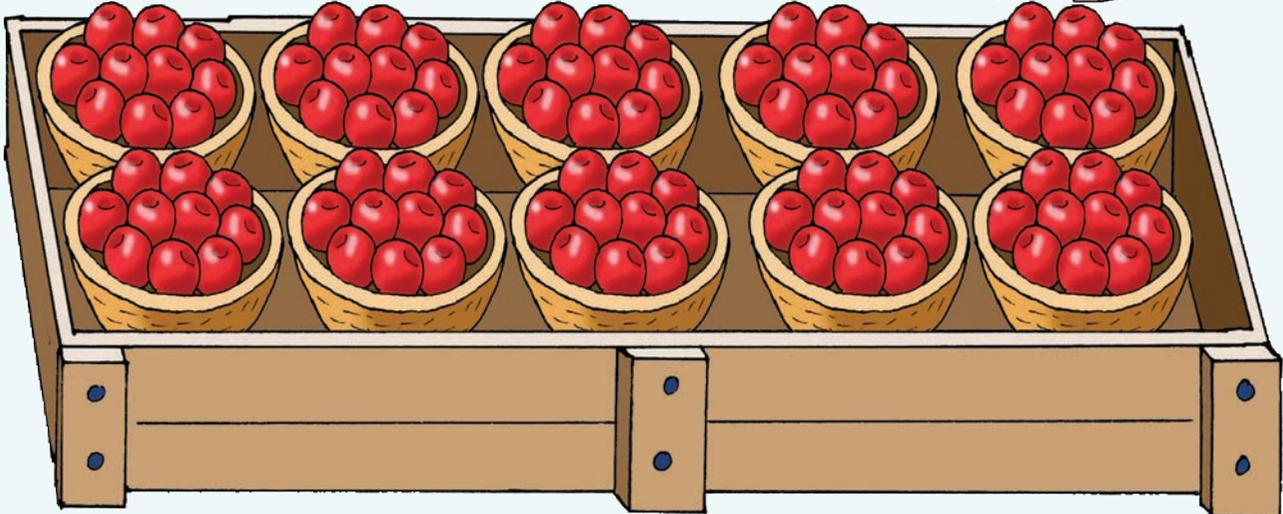
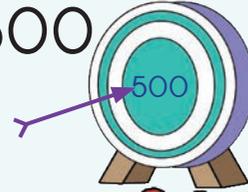
Ilanga:

Ithemu 2

Ukwakha bewufike kuma-500



Bala ama-apula



Qedelela bewubuyebuyelele.

Umantji owo-1 ufaka ama-apula _____.	$1 \times 10 = 10$
Abomantji aba-3 bafaka ama-apula _____.	$3 \times 10 =$
Abomantji aba-5 bafaka ama-apula _____.	
Abomantji aba-4 bafaka ama-apula _____.	
Abomantji aba-2 bafaka ama-apula _____.	
Ikhreyidi li-1 liphatha 100 wama-apula.	Amakhreyidi ama-2 aphatha _____ wama-apula.
Amakhreyidi ama-3 aphatha _____ wama-apula.	Amakhreyidi ama-4 aphatha _____ wama-apula.
Amakhreyidi ama-5 aphatha _____ wama-apula.	Amakhreyidi ama-2 nohafu aphatha _____ wama-apula.

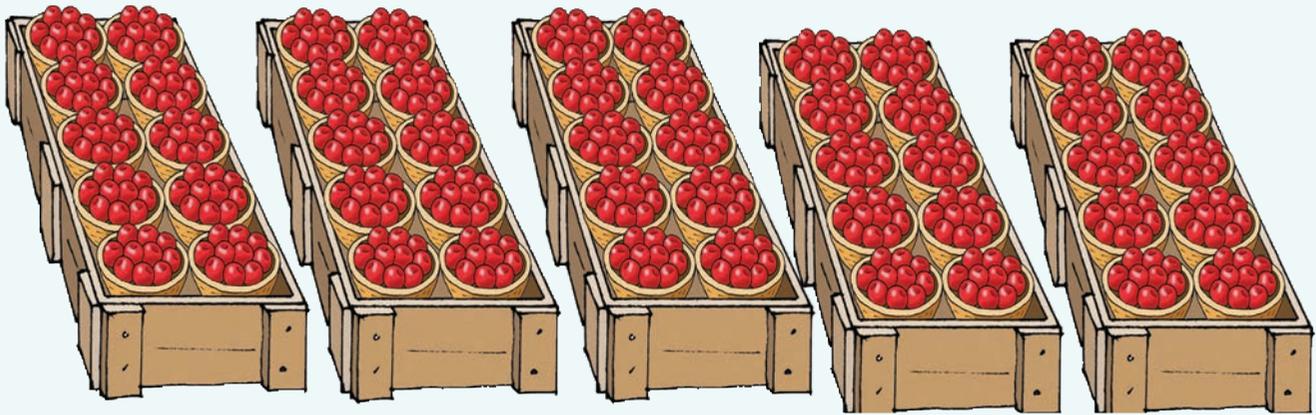


Kunama-apula ali-10 ngemantjini mu-l.

Kune _____ labomantji ngekhreyidini linye.

Kune _____ yama-apula ngekhreyidini linye.

Mangaki ama-apula alapho sekawoke? _____



Bala, utjengise bewutlole

Thoma ngokusebenzisa amakarada weenomboro ukutjengisa ithothali ngayinye. Bese utlola inomboro.

300

40

5

Amakhreyidi ama-3  + abomantji aba-4  + yama-apula 5 
= 345 yama-apula

Amakhreyidi ama-4  + abomantji aba-5  + yama-apula 7 
= _____ yama-apula

Amakhreyidi ama-5  + abomantji aba-2  + yama-apula 3 
= _____ yama-apula

Amakhreyidi ama-4  + abomantji aba-7  + yama-apula 2 
= _____ yama-apula



Teacher: _____
Sign: _____
Date: _____

11 12 13 14 15 16 17 18 19 20

50

Ilanga:

Ithemu 2

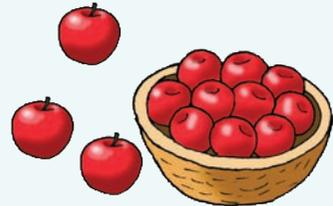
Ukubuyabuyelela kanye nokwehlukana (ngokuli -10)



Ukubala ama-apula.

Zalisa ithebula.

Bangaki abomantji abafaka ama-apula?

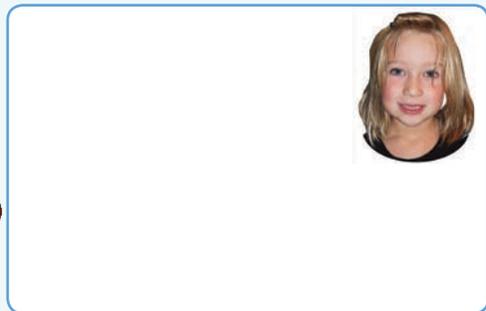
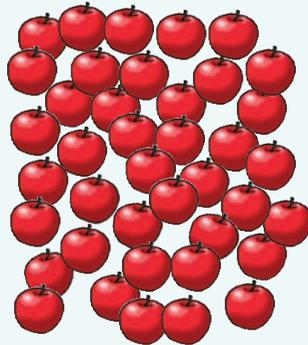


Ama-apula 	10	20	30	40	50
Iimantji 	1	2			
÷ isibalo					$50 \div 10 = 5$
× isibalo					$5 \times 10 = 50$



Yabela abentwana ama-apula. Yenza umgwalo. Tlola isibalo sokuhlukanisa neso kubuyabuyelela ukuze utjhege ipendulo yakho.

a.



Tjhega ipendula.

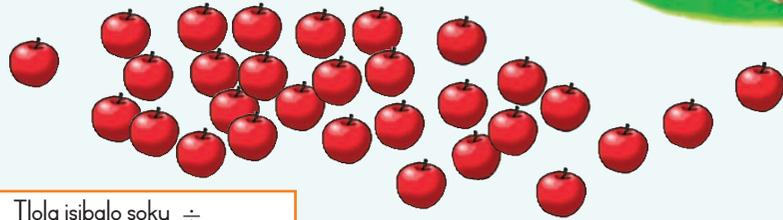
÷ =

× =





b.



Tlola isibalo soku ÷



Tlola isibalo soku × ukuze
uhlolise iimpendulo zakho.



Sebenzisa iinomboro ukuzenzela yakho imitjho yeenomboro.



÷ $40 \div 10 = 4$

× $4 \times 10 = 40$



÷

×



÷

×



÷

×



Nikela inomboro eli-10 ubuncani kanye nenomboro eli-10 ubukhulu kunaleyo enikelweko.

<input type="text"/> , 460, <input type="text"/>	<input type="text"/> , 390, <input type="text"/>	<input type="text"/> , 500, <input type="text"/>
--	--	--

Teacher: _____
Sign: _____
Date: _____





Ukubala ngaku - 2

Ukubala uye phambili ngaku - 2 bewubuyele emuva.

- a. 232; 234; _____; _____; _____; 242; _____; _____; 248
- b. 500; _____; 496; _____; _____; 490; _____; _____; _____
- c. 460; _____; _____; 400; _____; 360; _____; _____; _____
- d. 341; _____; 361; _____; _____; 391; _____; 411; _____; _____



Ipara yamadlhavu



- a. Ziimpara ezingaki zamadlhavu emudeni munye? _____
- b. Mangaki amadlhavu ngalinye emudeni munye? _____
- c. Mimida emingaki? _____
- d. Madlhavu amangaki nasele awoke? _____
- e. Tjengisa kobana uyisebenze kunjani.
- f. Tlola ipendulwakho njengomutjho weenomboro.
 _____ × _____ = _____



Madlhavu amangaki?

Tlola amatheyibula.

a.

Amaglavu 	 1	 10	 5	 50	 4	 40	 3	 30	 100
Inomboro zamaglavu	2								

b.

Amaglavu	20	21	70	73
Iimpara ezingenziwa				
Amadlhavu angalinye aseleko				



Bala ngaku-2

a. Ngijyphi inomboro eba hlangana nawubala ngakubili?

264, _____, 268	391, _____, 395	414, _____, 410
-----------------	-----------------	-----------------

b. Tlola iinomboro ezimbili ezilandelako.

373, 375, 377, 379	480, 482, _____, _____	262, 264, _____, _____
--------------------	------------------------	------------------------

c. Tlola iinomboro ezimbili ezilandelako.

346, 348, _____, _____	415, 417, _____, _____	297, 299, _____, _____
------------------------	------------------------	------------------------



Teacher: _____

Sign: _____

Date: _____



Ukuhlela isivande

UKkz. Mabena unamathayilesi amahle.

Uwasebenzisela ukupheyiva indawo esesivandeni sakhe.

Kunamathayilesi ama-6 asikwere wobukhulu obulinganako.

Ngizowabeka njani?

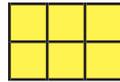


Ngingenza umuda mu-1 ngamathayilesi asi-6.



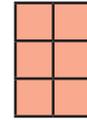
$$6 \times 1 = 6$$

Ngingenza imida emi-2 ngamathayilesi ama-3 emudeni.



$$3 \times 2 = 6$$

Ngingenza imida emi-3 ngamathayilesi ama-2 emudeni ngamunye.

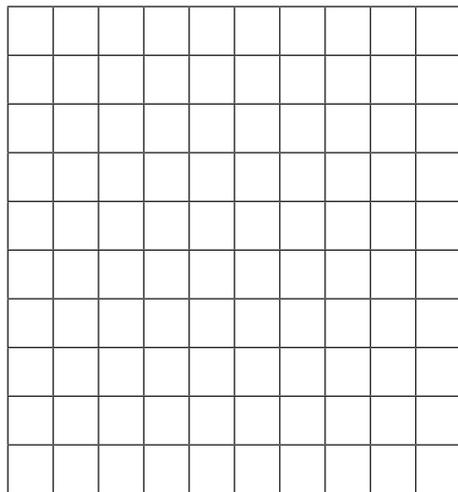


$$2 \times 3 = 6$$

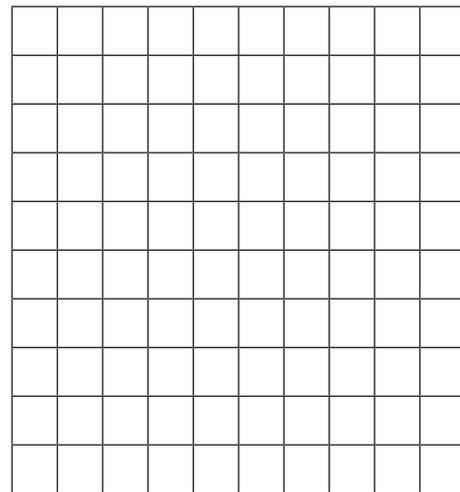
Kwanjesi lidlhego lakho!

Khalara amabhlogo ukutjengisa kobana unghlela bunjani amathayilesi abu-8 na-9.

iinkwere ezi-8



iinkwere ezili-9



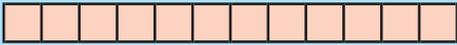
Tlola iinomboro zemitjho emdwebeni ngamunye.



Hlela amathayilesi ali-12

UThabo unamathayilesi ali-12 asikwere ukupheyiva ngaphandle komthathlana wakhe. Msize athole iindlela angenza ngazo.

Tlola inomboro yomitjho wendlela ngayinye.

Isibonelo: 	$1 \times 12 = 12$ $12 \times 1 = 12$



Hlela amathayilesi ama-24

- Sebenzisa igridi kuSika-2.
- Khalara amabhlogo ama-24 ngeendlela ezihlukeneko.
- Tlola inomboro zemitjho ukumadanisa umdwebo ngamunye.



Ngingabuyabuyelela!

$12 = 2 \times \square$	$3 \times \square = 12$	$9 = \square \times 3$
$6 = 3 \times \square$	$\square \times 3 = 12$	$24 = 3 \times \square$



Teacher: _____

Sign: _____

Date: _____

Usebenzise abokuhlano



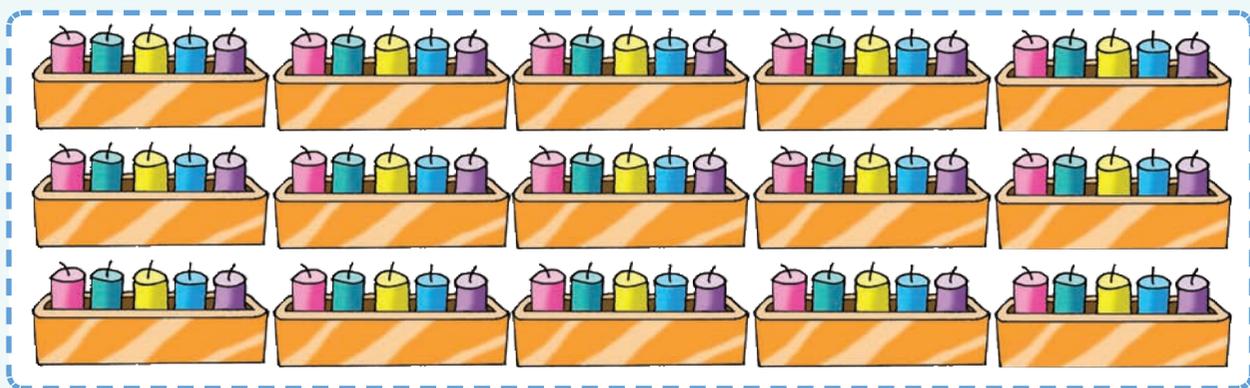
Yazi ku-5 kwakho

Zalisa iimpendulo.

	1	2	3	4	5	6	7	8	9	10
× 5	5									



Bala amakerese



a. Mangaki amakerese ngebhoksini ngalinye? _____

b. Mabhoksi amangaki _____

c. Mangaki amakerese ereyini ngalinye _____

d. Makerese amangaki nasele awoke? _____



Tjengisa ipendulo

Thika (✓) inomboro yomuthjo etjengisa ithothali yamakerese

a. $5 \times 3 \times 3 = \square$ b. $15 \times 3 = \square$ c. $3 \times 5 \times 5 = \square$ d. $15 \times 5 = \square$



Bala uye phambili nemva ngaku - 5

- a. 85; _____; _____; 70; _____; _____; 55; _____; _____
- b. 240; _____; _____; 255; _____; _____; _____; _____; 280
- c. 405; _____; 395; _____; _____; 380; _____; _____; 365; _____



Buthelela ama-R5 wesimbi



Qedelela umutjho: Abentwana babuthelela imali eyisimbi yenani lama-R5. Bafanele babuthelele imali eyisimbi ema-R5 amangaki ukuze babuthele imali elingana R ____? Ezimbili zokuthoma sele sikwenzele.

$R5 \div 5$ = 1 yekhoyini	$R10 \div 5$ = 2 yamakhoyini	R15? ____	R20? ____	R25? ____
R30? ____	R35? ____	R40? ____	R45? ____	R50? ____

$2 \times R5 =$

$4 \times R5 =$

Uyayibona iphethehi?

$6 \times R5 =$

$8 \times R5 =$



Buyabuyelela ngaku - 5

Isibonelo: $1 \times 5 = 5$; $11 \times 5 = 55$; $21 \times 5 = 105$

Cabanga kuhle! Yakha ngamaphuzu owaziko!

1	2	3	4	5	6	7	8	9	10
5	10								
11	12	13	14	15	16	17	18	19	20
55									



Teacher: _____
Sign: _____
Date: _____



Ukusebenza ngesikhathi

Dweba/gwala iinkhathi

Siquntu ngemva kwele-5	Yikotara ngaphambi kwele-tjumi nalinye	Yikotara ngemva kweletjumi nambili-12	12:45	6:15
			4:30	



Umraro wesikhathi

Umma kaNomso usuka ekhaya nge-2:30 ngemva kwedina.

Ubuqa nge-5:15 ntambama. Ukhambe isikhathi esingangani?

Singasebenzisa umda wesikhathi ukuyisebenza. Bekha umuno wakho ku-2:30, isikhathi ekungiso kwanjesi.

Nakhabe weqela phambili ama-iri ali- $\frac{1}{2}$ kuzokuba li-3:00 ngemva kwedina..

Bese lekha naweqela phambili-iri lobe ngaphezulu, kuzokuba li-4:00 ngemva kwedina.

Ukweqela phambili godu elinye i-iri lobe kuzakuletha ku-5:00 ngemva kwedina.

Bese kufanele uvele weqe ama-iri ali- $\frac{1}{4}$ ngaphezulu ukufika ku-5:15 ngemva kwedina.

Timeline: 2:15 2:30 2:45 3:00 3:15 3:30 3:45 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 6:00

Annotations: $\frac{1}{2}$ ye-iri (2:30-3:00), 1 ye-iri (3:00-3:30), 1 ye-iri (3:30-4:00), 4 ye-iri (4:00-5:00)

Godu ne- $\frac{1}{4}$ ye-iri ngaphezulu uenza ama- $2\frac{3}{4}$ ye-iri namakotara amathathu nohafu sekawoke.



Imiraro yesikhathi

Sombulula umraro ngamunye. Sebenzisa imida yesikhathi ukukusiza.

Hlolisa Madanisa. Lungisa.

a. UQueenie uvakajhela uyise etliniga nge-15:45

ngemva kwedina. Usuka nge-17:15.

Uvaketjhe isikhathi esingangani?



Timeline for question a: _____

b. U Musa uya ephageni nge-10:45.

Ubuqa ekhaya nge-12:30.

Ukhambe isikhathi esingangani?



Timeline for question b: _____

c. UTumi uthoma ukufunda nge-13:15.

Uqeda nge-14:45.

Ingabe uTumi ufunde isikhathi esingangani?

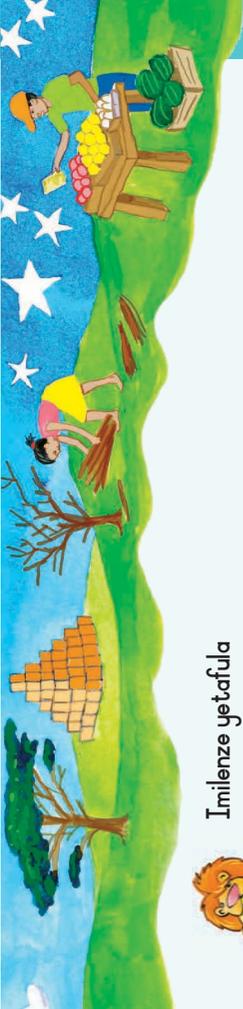


Timeline for question c: _____



Teacher: _____
Sign: _____
Date: _____

Ilanga:

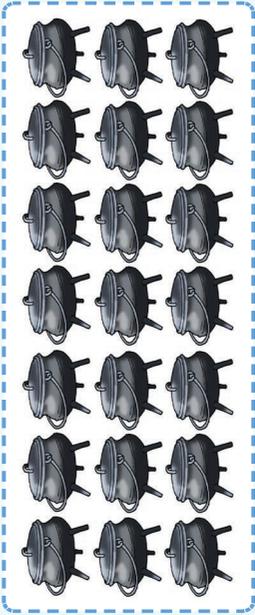


Bala ngaku - 3 nangaku - 4



Iimpoto ezinimilenze emi - 3

Hlanganisa bese utlola ipendulo.



- Ziimpoto ezingakhi erejini? _____
- Milenze emingaki erejini? _____
- Mareji amangaki weempoto? _____
- Milenze emingaki nasele iyoke? Tjengisa kobana uyisebenze njani ipendulo.

Tshwaya (✓) ngiziphi iinomboro zemitjho ezingaphasi ezitjengisa ithohali.

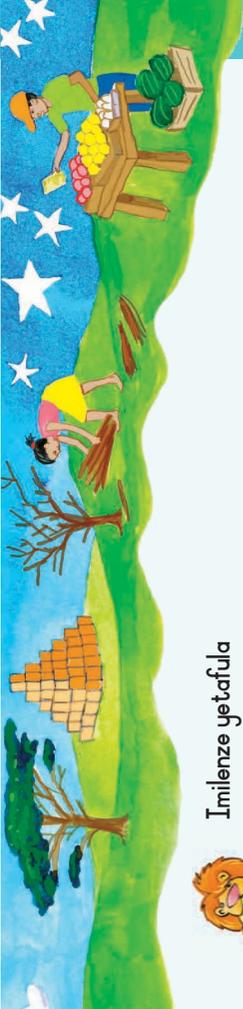
$21 \times 7 = \square$ $3 \times 7 \times 3 = \square$ $3 \times 4 \times 2 = \square$ $21 \times 3 = \square$



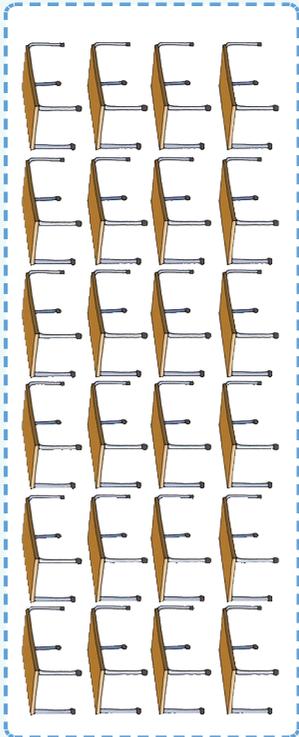
Milenze emingaki?

Cabanga masingana.
Cabanga kuhle.

Iipoto yi-1	3 imilenze	Iimpoto ezili-10	imilenze	Iimpoto ezi-5	imilenze
Iimpoto ezi-2	imilenze	Iimpoto ezi-15	imilenze	Iimpoto ezili-12	imilenze
Iimpoto ezi-5	imilenze	Iimpoto ezi-13	imilenze	Iimpoto ezili-14	imilenze



Imilenze yetafula



- Matafula amangaki erejini? _____
- Milenze emingaki erejini? _____
- Mareji amangaki wamatafula? _____
- Imilenze mingaki nasele iyoke? Tjengisa kobana uyisebenze bunjani.



Efemini

Umbazi wenza amatafula. Uthoma ngokwenza imilenze.

Bekube nje sele enze ama-4,8. Angenza amatafula amangaki?

Ingabe usatlhoga imilenze emingaki ukwenza enye itafula?



Qedelela igridi ngokuzalisa iimpindulo

	2	3	4	5	8	10	11	12
$\times 3$								
$\times 4$								

Teacher: _____
Sign: _____
Date: _____

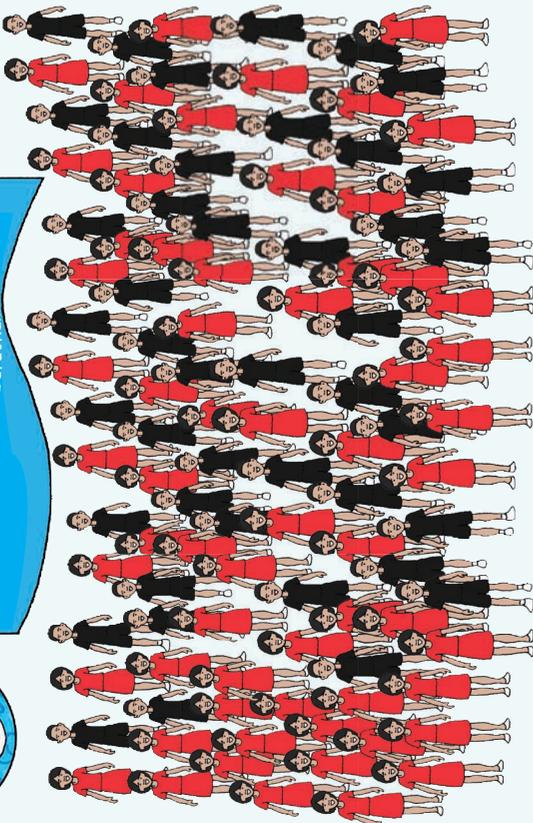
Ukubala ngama-50

Umntwana munye, ingubo yinye!

Bangaki abentwana? Linganisa, bese uyabala.



Ngubo yethemba
Bulunga abentwana
bethu bahlele bafutshumele



Boke abentwana abasesithombeni bafumana iingubo.

Bangaki abentwana abalapho? _____

Linganisa	Bala	Madanisa

Bungaki ubuso obuthabileko 😊 babesana? _____

Bungaki ubuso obuthabileko 😊 babentazana? _____

Ilanga:

Babhadela ini?

UGwazi

uthenga zi-2

Ubhadela

R

UKhiz Chakane

uthenga zi-5

Ubhadela

R

Isitolo sakaThemba

sithenga ama-20

Ubhadela

R

Nikela nje!
I-R50
yengubo yj-1



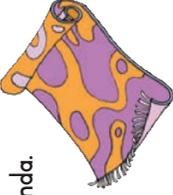
Zi-5	nge-R50 = R250	Zi-10	nge-R50 = R500
Zi-4	nge-R50 = R_____	Zi-15	nge-R50 = R_____
Zi-3	nge-R50 = R_____	Zi-6	nge-R50 = R_____
Zi-7	nge-R50 = R_____	Zi-12	nge-R50 = R_____
Zi-8	nge-R50 = R_____	Zi-9	nge-R50 = R_____

Kuzokuthatha isikhatshi esingangani? Sebenzisa ikhalenda.

Itlasi lakagreyjidi-3 libuthelela imali yokuthenga iingubo ezi-4.

Babuthela i-R5 ngelanga amalanga ama-5 ngeveke.

Batlhoga iimveke ezingaki ukutshi babuthhelele imali yeengubo?



Teacher: _____
Sign: _____
Date: _____



Amacezu: abohafu kanye namakota



Yehlukanisa ufake iimbhobo ngemabhokisini amabili ngokulingana.

<ul style="list-style-type: none"> Zingaki iimbhobo ngebhokisini elinye nelinye? Zingaki iimbhobo ezingebhokisini eliphephuli? Iimbhobo ezingebhokisini eliphephuli lenza cezu bani? 	<ul style="list-style-type: none"> Zingaki iimbhobo ngakelinye nelinye bhokisi? Zingaki iimbhobo ngebhokisini eliphephuli? Iimbhobo ezingebhokisini eliphephuli lilicezu bani?



Qala isithombe ngasinye bese uphendula imibuzo.

<p>Ubalale iijingi ezingaki?</p> <p>Ijini i-$\frac{1}{2}$ yeejingi?</p>	<p>Ubalale iijingi ezingaki?</p> <p>Ijini i-$\frac{1}{2}$ yeejingi?</p> <p>Ijini i-$\frac{2}{2}$ yeejingi?</p> <p>Ijini i-$\frac{3}{2}$ yeejingi?</p> <p>Ijini i-$\frac{4}{2}$ yeejingi?</p>



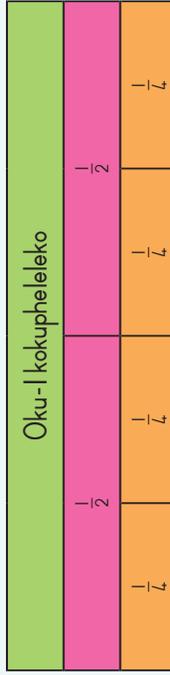
Faka umbala i- $\frac{1}{2}$ yejamo.

Faka umbala i- $\frac{1}{2}$ yejamo.

Faka umbala i- $\frac{2}{4}$ yejamo.

Faka umbala i- $\frac{3}{4}$ yejamo.

Qala umtletlana wamacezu



a. Bangaki abohafu ($\frac{1}{2}$) abenza okukodwa okupheleleko?

Mangaki amakota ($\frac{1}{4}$) enza okukodwa okupheleleko?

Mangaki amakota ($\frac{1}{4}$) enza ihafu?

b. Qala amadayagramu bese utlola icezu lengenye efiphaziweko.



c. Ngijiphi icezu elikhulu, i- $\frac{1}{2}$ nanyana $\frac{1}{4}$

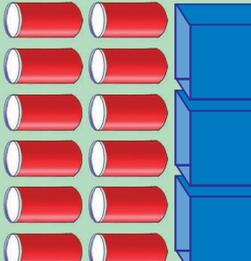
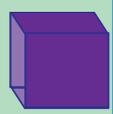
Teacher:

Sign:

Date:

Amacezu: abohafu, kunye kokuthathu kanye nokukodwa kokwesithandathu

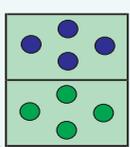
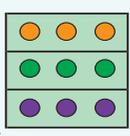
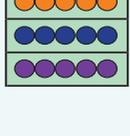
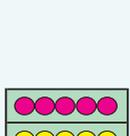
Yehlukanisa amatokotiki (amasilinda) ngokulinganako uwafake ngemabhokisini.

		
		
<input type="text" value="12"/>	<input type="text" value="6"/>	<input type="text" value="1/2"/>

Inani leembholo:

- Zingaki imbholo ngebhokisini elinombala oluphehuli?
- Licezu bani elingaphakathi kwebhokisi eliphehuli ngombala?

Qala iintombe bese uphendula imibuzo.

	<input type="text"/>	Ubalale iyingi ezingaki?
	<input type="text"/>	Yini i- $\frac{1}{3}$ yeejingi?
	<input type="text"/>	Yini i- $\frac{2}{3}$ yeejingi?
	<input type="text"/>	Yini i- $\frac{2}{3}$ yeejingi?

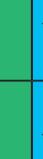
Ilanga:



- Tjengisa ihafu eruleni. Lokhu kulingana nama- cm ____.
- Tjengisa ingcenywe eyodwa yokusithathu yerula. Lokhu kulingana nama- cm ____.
- Tjengisa ingcenywe eyodwa yokusithandathu yerula. Lokhu kulingana nama- cm ____.



Qala umtshelana wamacezu. Qadelela imitjho.

Oku- l okupheleleko

- Kunamhafu ama- ____ kokupheleleko okukodwa.
- Kunokukodwa kokwesithathu oku- ____ kokupheleleko okukodwa.
- Kunokukodwa kokwesithandathu oku- ____ kokupheleleko okukodwa.
- Kunokukodwa kokwesithandathu oku- ____ kuhafu eyodwa.
- Kunokukodwa kokwesithandathu oku- ____ kokukodwa kwesithathu.



Tlola izezu lengcenywe efphezliweko.

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

Ndulungela ingcenywe ekulu yecazu.

a. $\frac{1}{2}$ $\frac{1}{3}$

b. $\frac{1}{2}$ $\frac{1}{6}$

c. $\frac{1}{2}$ $\frac{2}{6}$

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Amacezu: Kunye kokuhlana

Yehlukanisa ufake amakotikoti ngemabhokisini.

- Ngengeenyeni eji- $\frac{1}{5}$ yebhoksi; kunamakotikoti asi -
- Ngengeenyeni eji- $\frac{2}{5}$ yebhoksi; kunamakotikoti asi -
- Ngengeenyeni eji- $\frac{3}{5}$ yebhoksi; kunamakotikoti asi -
- Ngengeenyeni eji- $\frac{4}{5}$ yebhoksi; kunamakotikoti asi -
- Ngengeenyeni eji- $\frac{5}{5}$ yebhoksi; kunamakotikoti asi -

Qala isithombe bese uphendula imibuzo.

Mangaki amatjhokolede ngebhokisini?

- Okukodwa kokuhlana yetjhokolede ilingana na-
- Okubili kokuhlana yetjhokolede ilingana na-
- Okuthathu kokuhlana yetjhokolede ilingana na-
- Okune kokuhlana yetjhokolede ilingana na-
- Okuhlana kokuhlana yetjhokolede ilingana na-

• Ngelanga elilodwa ngidla i- $\frac{1}{5}$ yamatjhokolede. Kusele amatjhokolede angangani?

• Ngelanga elilandako ngidla i- $\frac{1}{5}$ yetjhokolede. Kusele tjhokolede engangani?

Ilanga:

a.

Faka umbala isisetjenziswa sokumeda, isilinganiso e- $\frac{1}{5}$.

Qala umtletlana wamacezu bese uphendula imibuzo.

Oku-**I** okupheleleko

$\frac{1}{2}$	$\frac{1}{2}$
$\frac{1}{3}$	$\frac{1}{3}$
$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{6}$	$\frac{1}{6}$

Ndulungela: okukhulu nanyana okuncani

- a. i- $\frac{1}{2}$ yikulu/jincani kune $\frac{1}{4}$.
- b. i- $\frac{1}{3}$ yikulu/jincani kune $\frac{1}{2}$.
- c. i- $\frac{1}{5}$ yikulu/jincani kune $\frac{1}{6}$.
- d. i- $\frac{1}{6}$ yikulu/jincani kune $\frac{1}{3}$.
- e. i- $\frac{3}{6}$ yikulu/jincani kune $\frac{2}{6}$.

Teacher:
Sign:
Date:

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1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

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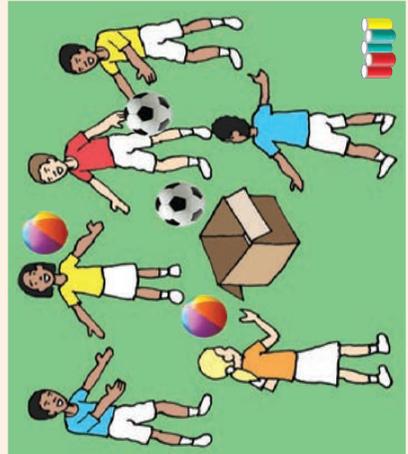
NDE NUM G3 B1 9781431500086.indb 127

2014/05/05 12:54 PM

Ilange:

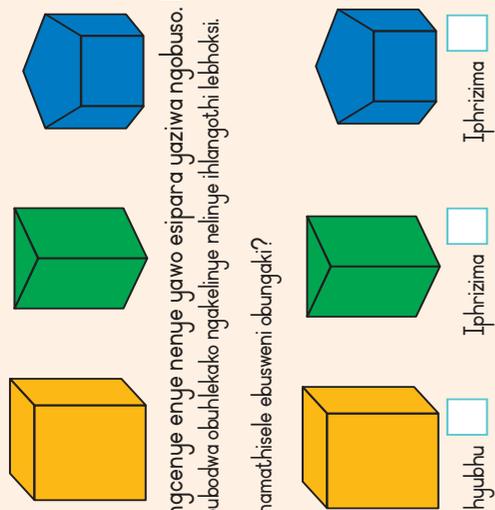
Izinto ezima -3D

- Bala amabhoksi (amaphrizima)
- Bala imbholo (indulungu)
- Bala amasilinda



Lawa mabhoksi

Sebenzisa usika we-3 newe-4 ukwenza lokhu.



Ingenye enye nenye yawo esipara yaziwa ngobuso. Namathisela ubuso obubodwa obuhlekako ngakelinye nelinye ihlangathi lebhoksi.

Uhamathisele ebusweni obungaki?

- Ikhyubhu
- Iphrizima
- Iphrizima
- Iphrizima

Ingabe ubuso iphuzima busipara nanyana bujijikeleza?

Kwanjisi yenza isilinda ngosika - 4

Ingabe ubuso besilinda busipara nanyana bujijikeleza.



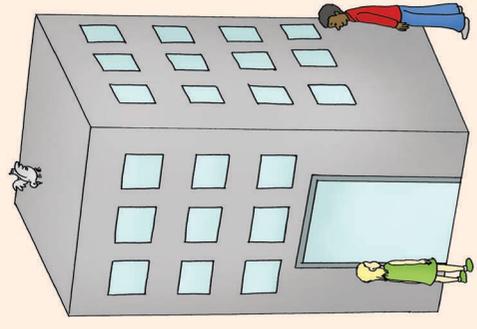
Sebenzisa izinto zakho ukwakha okulandelayo:

Hlathulula kobana isilinda ikujiphi indawo usebenzisa amagama.

Ihlangathi elilodwa Ngaphambili Ngaphezulu



Sebenzisa amagama angenzasi ukuqedelela imitjho.



Umntazana uqale _____ lomakhiwo.

Indoda iqale _____ lomakhiwo.

Inyoni ziqale _____ lomakhiwo.

- Ilingeqadi
- Ilingaphezulu
- Ilingphezu



Teacher: _____
Sign: _____
Date: _____

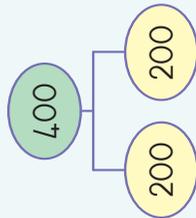
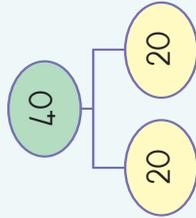
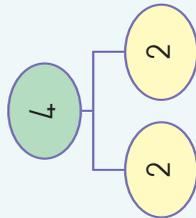


Itango:

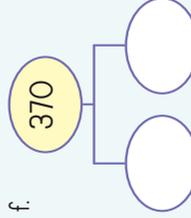
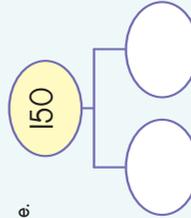
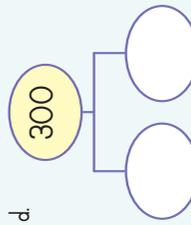
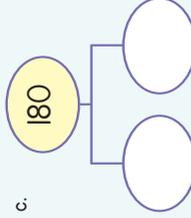
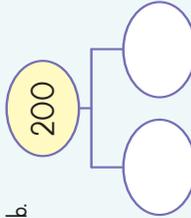
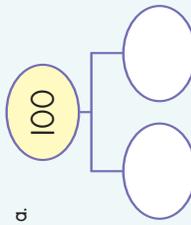
Ukubuyelela kabili nokuhafula

- Ingabe usakhumbula u-2 yihafu yaka-4 u-4 kulokha nakubuyelelwe u-2 kabili
- 20 yihafu yaka-40 u-40 kulokha nakubuyelelwe u-20
- 200 yihafu yaka-400 u-400 kulokha nakubuyelelwe u-200

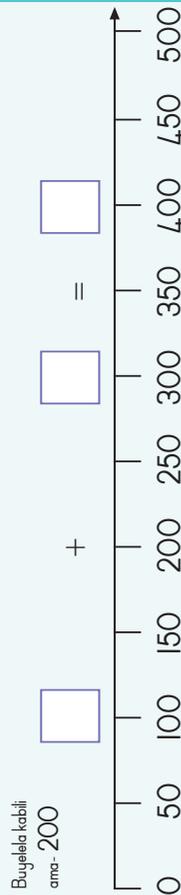
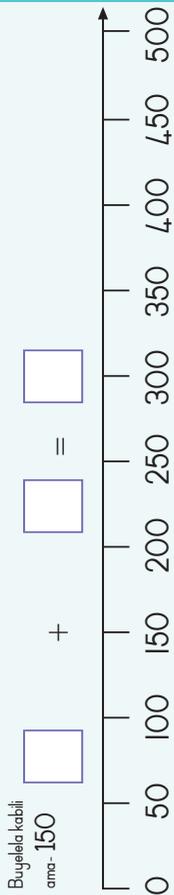
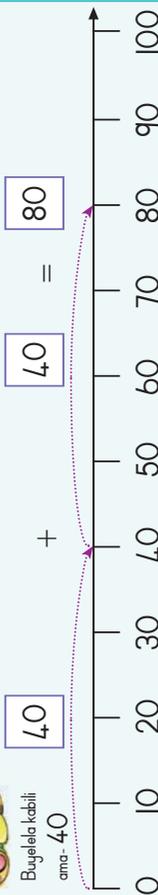
Singakutjengisa lokhu ngomgwalo...



Ukuthola abohafu



Buyelela kabili inomboro usebenzisa inambalayini. Wenzelwe isibonelo. Isibonelo:



Qedelela okulandelelako

a. Buyelela kabili u-100	200
b. Buyelela kabili u-150	
c. Buyelela kabili u-120	
d. Buyelela kabili u-200	
e. Buyelela kabili u-170	



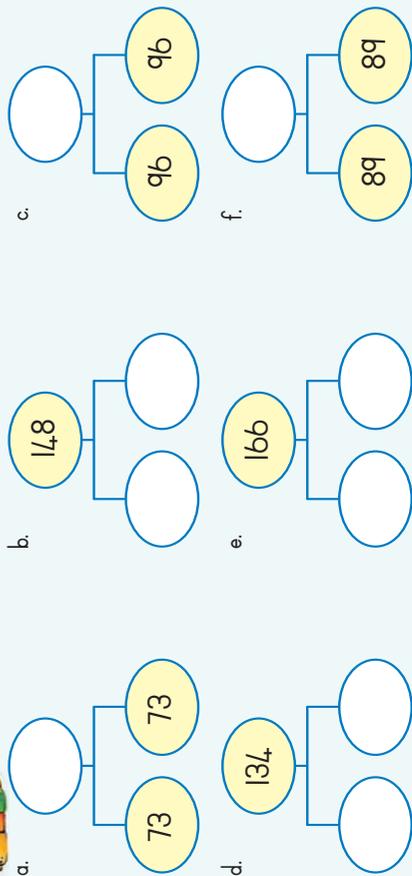
Qedelela okulandelelako

a. Hafula u-220	110
b. Hafula u-180	
c. Hafula u-260	
d. Hafula u-60	
e. Hafula u-320	

Teacher: _____
Sign: _____
Date: _____

Okhanye ukubuyelela kabili nokuhafu

Fumana okubuyelelwe kabili namkha abohafu



Bulungela ibhayisigili

UPeter ubulunga i-R25 ngeveke kobana athenge ibhayisigili. Kufanele abulunge iimveke ezingaki?

Ipendulo: iimveke

Zehlisiwe

Zake izinto ziyathengiswa ngenani eliyihafu. Tlola ipreyisi yokuthengiswa ngeqadi kwenye nenye into.

a. Ingubo R190 Inani lokuthengisa _____	b. Amalagani R154 Inani lokuthengisa _____
c. Imisamelo R54 Inani lokuthengisa _____	d. Intjulo R220 Inani lokuthengisa _____

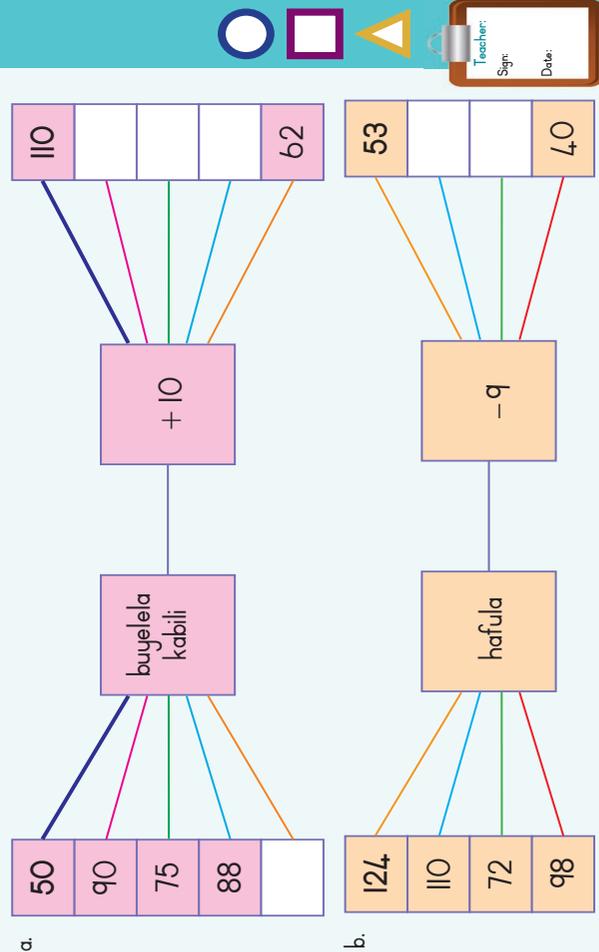
Yehlele R7,50
Ngehafu lenani: gade iyi-R900

Maranda amangaki?

	R135	UMusa ufuna irhembe. Unemali eyihafu kwaphela. Ingabe usatlahayela ngamlini? R _____
	R78,50	Amanyathelo kaPeter abiza ngokubuyelelwe kabili ukudlula lokhu. Amanyathelo kaPeter abiza malini? R _____
	R97	Irogo lakaPhindi libiza kabili ngentengo ngaphezulu yalokhu. Irogo lakaPhindi libiza malini? R _____

Ngikuphi okungena ngaphakathi? Ngikuphi okuphumela ngaphandle?

Landela isibonelo. Zalisa iinomboro ezitlahayelako.

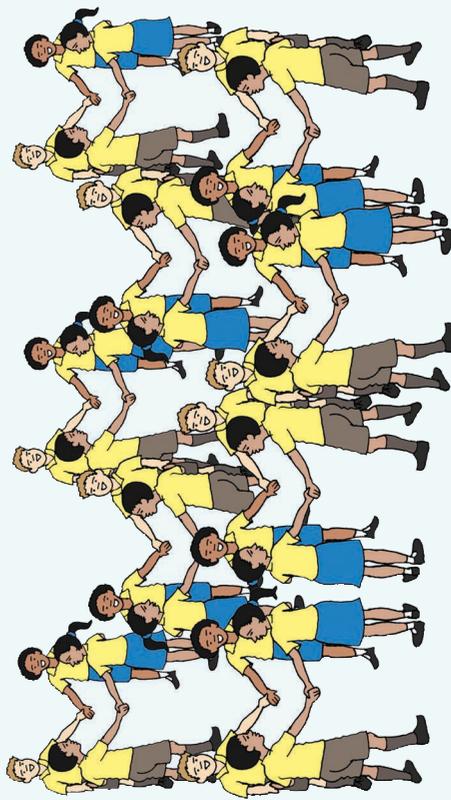




Ukuhlela ngokweenqhema nokuhlanganisa

Hlela abentwana ngokweenqhema

UKkz. Ndaba ufuna ukwehlukanisa itilasi ngobukhulu obulinganako beenqhema ulungiselela imidlalo yangaphandle. Kokuthoma uhlela abentwana ngeenqhema zangaba-4.



a. Bala abentwana

b. Wenza iqhema ezingaki?

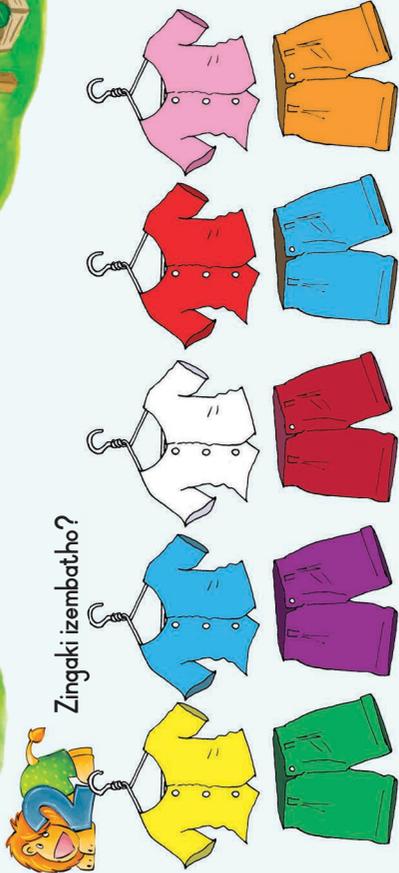
c. Tjengisa zoke ezinye iindlela uKkz. Ndaba angazisebenzisa ukuhlela abentwana ngeenqhema?

Blank lines for writing answers to question c.

Tjhega. Madanisa. Lungisa.



Zingaki izembatho?



UPhindi uneenrhembhe ezi-5 ezinombala begodu namabh-rugu amaf-tjhani anombala ama-5.

Zizembatho ezingaki ezihlukileko akghona ukuzenza asebenzisa ihlanganisela ehlukileko yembala?

Isibonelo: Irhembhe ehlaza kwesibhakabhaka/ibh-rugu elif-tjhani elihlaza kwesibhakabhaka. Irhembhe ehlaza kwesibhakabhaka/amabh-rugu amaf-tjhani a-orontji.

Tlola iledero lokuthoma lombala ngamunye. Tjengisa zoke ezinye izembatho ezingenzeka.

Blank lines for writing answers to the clothing question.

Funisela: Kungaba njani nakhibe uPhindi uneminye imibala esi-6 ehlukileko yeenrhembhe namabh-rugu amaf-tjhani?

Angakghona ukwenza izembatho ezingaki?

Tjhega. Madanisa. Lungisa.

Teacher, Sign, Date fields.

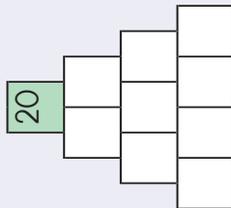
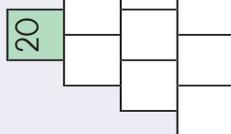
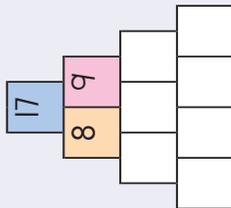
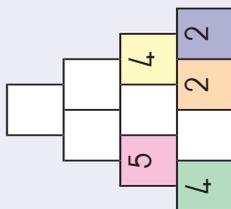
Ukuzithokozisa ngezibalo

Qala umthetho

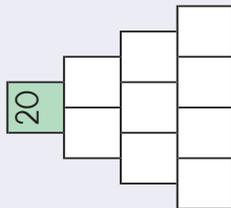
Sebenzisa umthetho ukufunyanisa iinomboro ezithayelako.



Kwanje yenza lokhu.



Yakha ufike ema-20 ngeendlela ezahlukeneko.



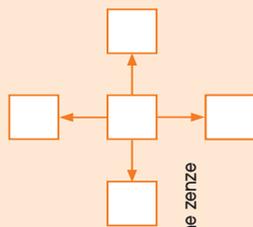
Iselele

Akhe ucabange

Sebenzisa iinomboro-1, 2, 3, 4, naku-5.

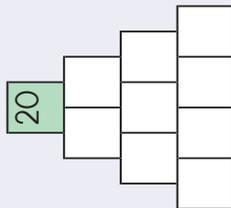
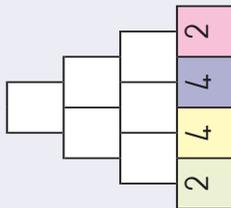
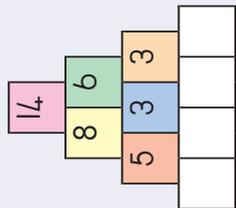
Iinomboro ezi-3 erejini ngajinye kufanele zihlangane zenze i-10.

Umthetho: Sebenzisa inomboro eyodwa kanye kwaphela.



Ilanga: _____

Ilanga: _____



Fumanani iinomboro

a. Umthetho: Iinomboro erejini ngalinye kufanele zihlanganiswe ukufika e-16.

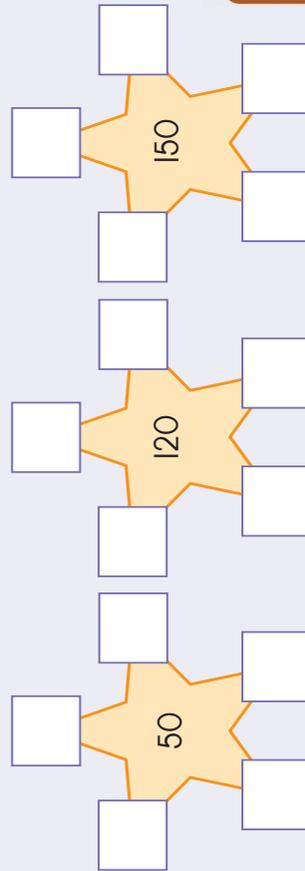
2	5	3	6
			2
		2	

b. Umthetho: Iinomboro ezi-3, ezivundla emarejini nazinye phasi ngamakholomu, zihlanganiswe ithothali efanako.

2	7	6
9		1
	3	8

23	28	21
12		26
		10

c. Umthetho: Tolani ezinye nezinnye iinomboro ezi-5 ezihlanganiswe ukufika enomborweni ephakathi ngaphakathi kwekwekwezi.



Teacher: _____
 Sign: _____
 Date: _____

1	1	0	1	0	0
2	2	0	2	0	0
3	3	0	3	0	0
4	4	0	4	0	0
5	5	0	5	0	0
6	6	0	6	0	0
7	7	0	7	0	0
8	8	0	8	0	0
9	9	0	9	0	0

