



# basic education

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

AMANQAKU

## UVAVANYO LONYAKA NONYAKA KUZWELONKE 2014 IBANGA 2 IMATHEMATIKA: ISIXHOSA UVAVANYO

AMANQAKU: 30

IXESHA: 1 IYURE

IPHONDO \_\_\_\_\_

ISITHILI \_\_\_\_\_

ISEKETHE \_\_\_\_\_

IGAMA LESIKOLO \_\_\_\_\_

INOMBOLO YE-EMIS (9 iidijithi)

|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|

IBANGA (Umz. 2A) \_\_\_\_\_

IFANI \_\_\_\_\_

IGAMA \_\_\_\_\_

ISINI (✓)

INKWENKWE

INTOMBAZANA

UMHLA WOKUZALWA

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| C | C | Y | Y | M | M | D | D |
|---|---|---|---|---|---|---|---|

Olu vavanyo lunamaphepha ali-12 ngaphandle koqweqwe.

## Imiyalelo kutitshala:

1. Fundela abafundi umbuzo ngamnye ngokucacileyo ungangxamanga.
2. Funda umbuzo kube kabini ubuncinane, ngelixa be jonge kwiincwadana zabo.
3. Banike ithuba lokuba bazibhalele ngokwabo kwizithuba ezinikiweyo.
4. Wonke umsebenzi mawenziwe kweli phepha, musa ukusebenza kwiphepha elisecaleni.
5. Bakuba begqibile, qhuba ubafunde umbuzo olandelayo.
6. Landela le migaqo ingasentla de ufike kumbuzo wokugqibela.
7. Ukusetyenziswa kwekhaltyhuleyitha akuvumelekanga.
8. Uvavanyo lunamanqaku angama-30.
9. Uvavanyo luyimizizu engama-60.
10. Yenza umsebenzi wokuziqhelisa nabafundi.

## Umsebenzi wokuziqhelisa

Dibanisa ama 36 nama 25. Ipendulo: ngokusebenzisa ukubala ngentloko ngu  $36 + 25 = 61$

### okanye

Ipendulo: ngokusebenzisa indlela "yokucalucalula".

$$\begin{array}{l} 36 + 25 \quad \text{okanye} \quad 6 + 5 = 11 \\ = 30 + 6 + 20 + 5 \\ = 30 + 20 + 6 + 5 \\ = 50 + 11 \\ = 61 \end{array} \quad \begin{array}{l} 30 + 20 = 50 \\ \underline{36 + 25 = 61} \end{array}$$

### okanye

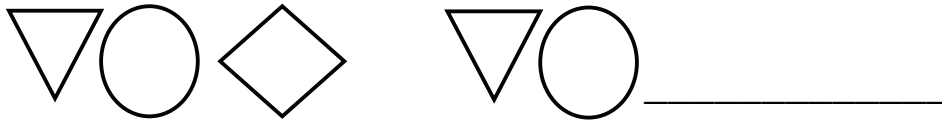
Ipendulo: ngokusebenzisa indlela "yokudibanisa okuya phambili."

$$36 + 20 \longrightarrow 56 + 5 \longrightarrow 61$$

Musa ukusebenzisa indlela ethe "ngqo".

Uvavanyo luqala kwiphepha elilandelayo.

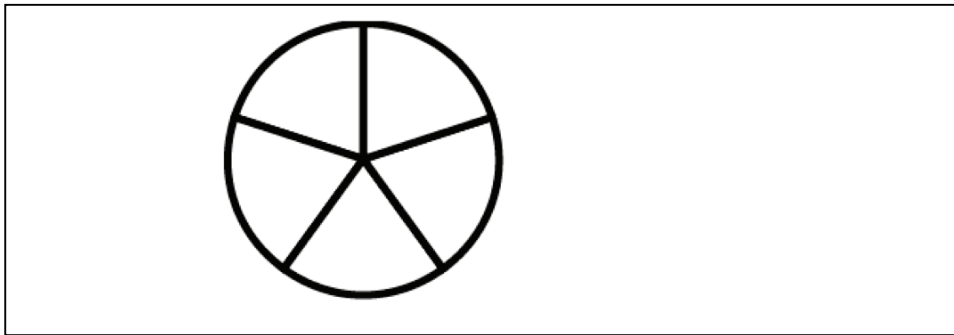
1. Yandisa le pateni ngokuzoba imilo ibenye.



2. Gqibezela:

|     | Isimboli | Igama lenani                               |
|-----|----------|--|
| 2.1 |          | Ikhulu elinamashumi amathandathu anethoba. |
| 2.2 | 12       |  |

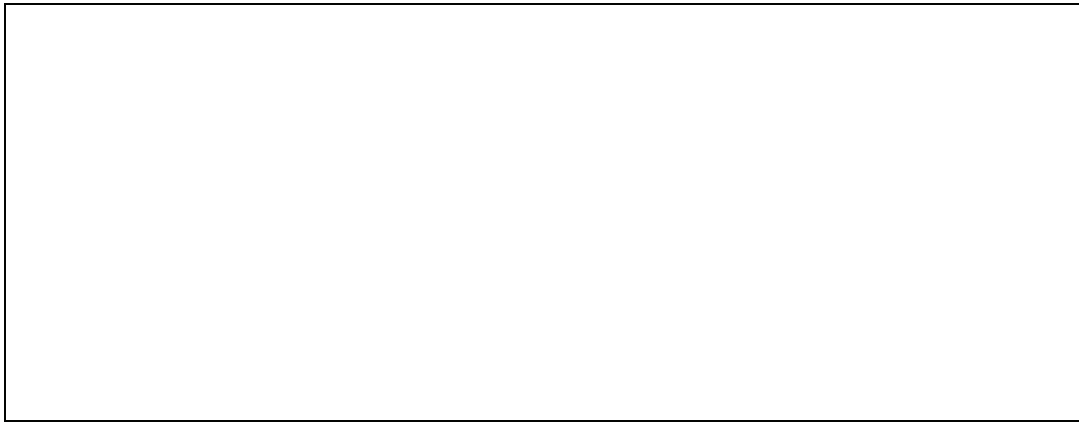
3. Faka umbala kuso nasiphi isibini kwisihlanu kulo mzobo uwunikiweyo.



4. Bhala ixabiso lenani elikrwelwe umgca ngaphantsi ku 47.

\_\_\_\_\_

5. Zoba imilo enye engqukuva.



6. Biyela unobumba onophawu oluchanekileyo.

$$63 \text{ \_\_\_\_ } 12 = 51$$

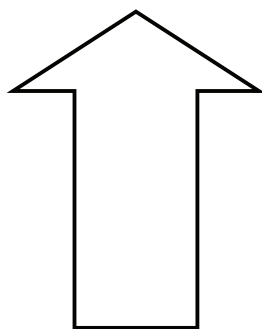
A      +

B      =

C      ÷

D      -

7. Krwela umgca wolingano-macala (isimetri) ube mnye.



8. Landelelanisa la manani uwanikiweyo ukusuka kwelona lincinci ukuya kwelona likhulu.

139, 152, 78, 93, 125, 171

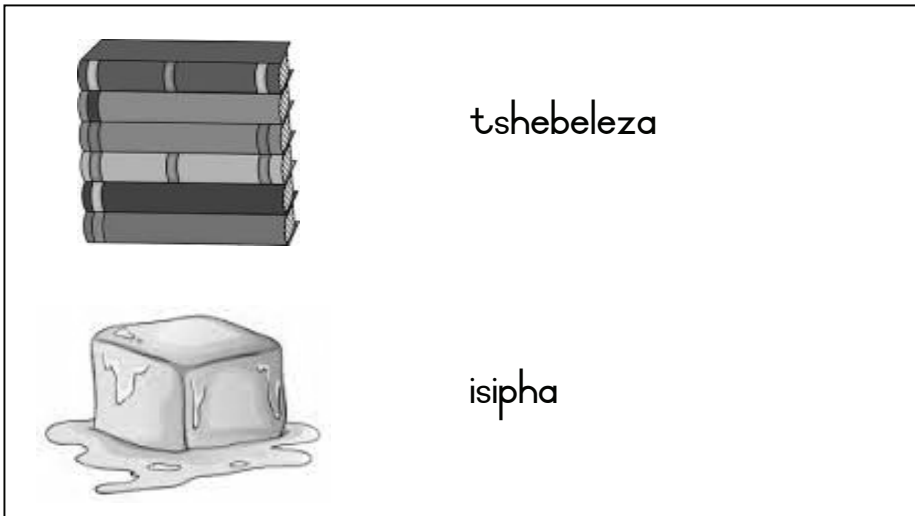
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

9. Phendula u 9.1 no 9.2.

9.1 Isiqingatha sama 48 = \_\_\_\_\_.

9.2 Phinda kabini u  $3\frac{1}{4}$  = \_\_\_\_\_.

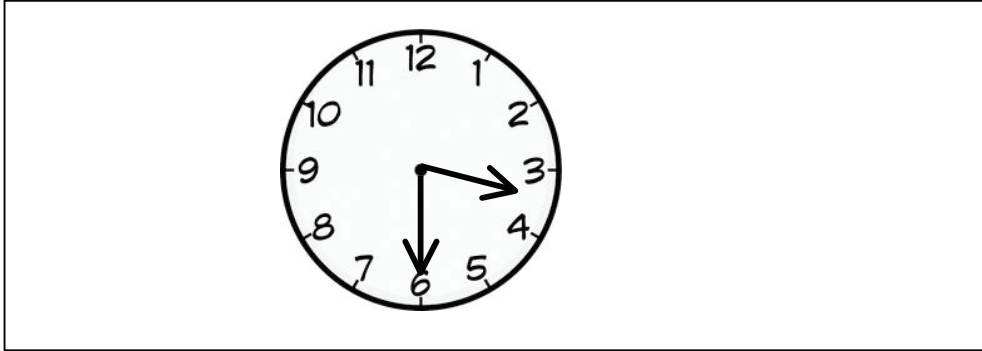
10. Tshatisa umfanekiso negama elichanekileyo.



11. Fakela "lincinane kune", "likhulu kune", okanye "liyalingana ne " ukwenza isivakalisi samanani sichaneke.

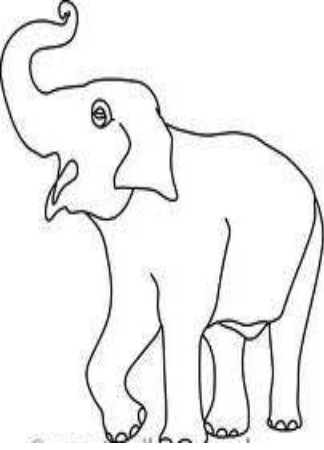
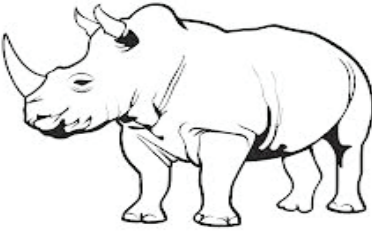
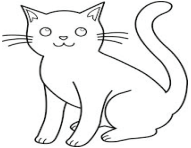
158 \_\_\_\_\_ 158.

12. Biyela unobumba onempendulo echanekileyo.  
Ixesha ewotshini ...



- A licala emva kwentsimbi yesithandathu.  
B ngumkhono emva kwentsimbi yesithathu.  
C licala emva kwentsimbi yesithathu.  
D ngumkhono emva kwentsimbi yesithandathu.

13. Jonga imifanekiso engezantsi uze uphendule imibuzo.

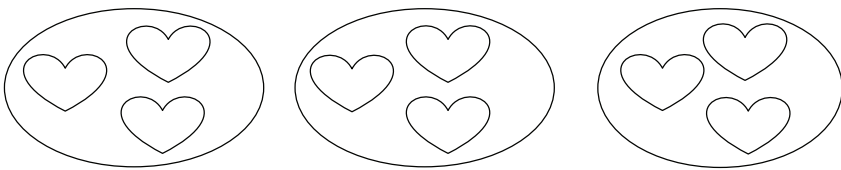
|   |  |   |
|---|--|---|
|  |  |  |
| indlovu   | umkhombe   | ikati   |

Sesiphi esona silwanyana silula? \_\_\_\_\_.



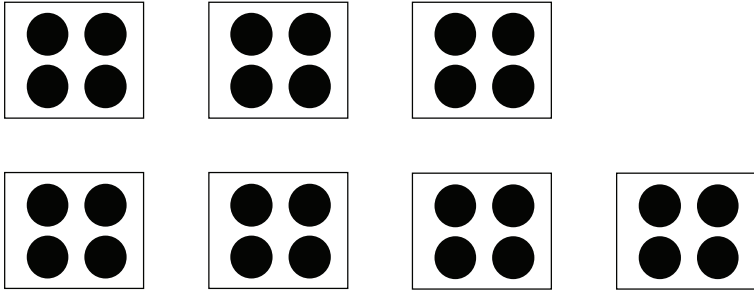
14. Gqibezela izivakalisi zamanani ku 14.1 no 14.2.

14.1



\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

14.2



\_\_\_ + \_\_\_ + \_\_\_ + \_\_\_ + \_\_\_ + \_\_\_ + \_\_\_ = \_\_\_\_\_

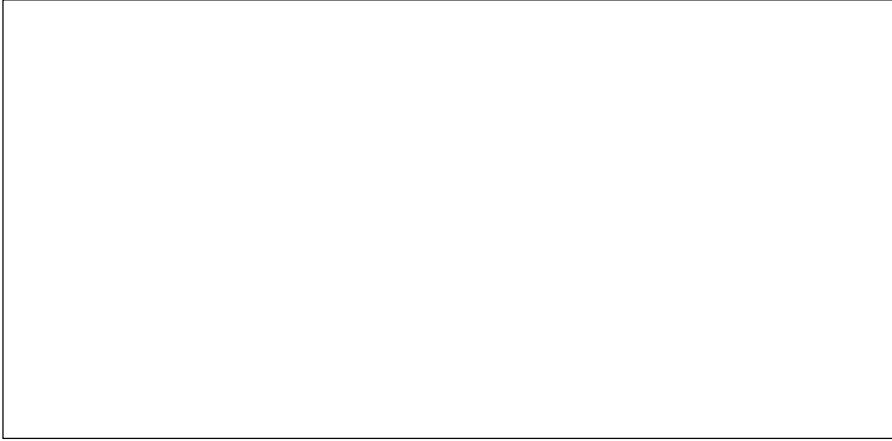
15. Gqibezela le pateni yamanani ku 15.1 no 15.2.

15.1 \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_; 12; 9; 6; 3

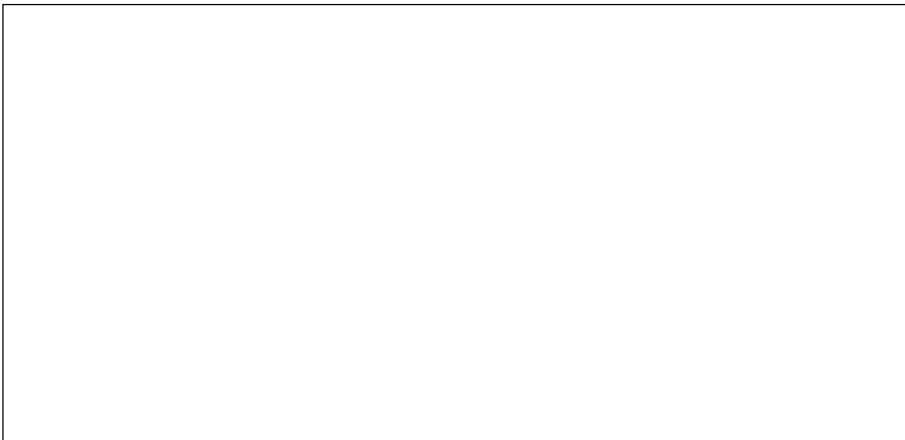
15.2 44; 48; 52; 56; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

16. Gqibezela isivakalisi samanani.

$$34 + \underline{\quad} = 75$$



17. Abantwana bahlala ngabane egumbini lokufundela. Kukho amaqela ali 12. Bangaphi abantwana bebonke kweli gumbi?

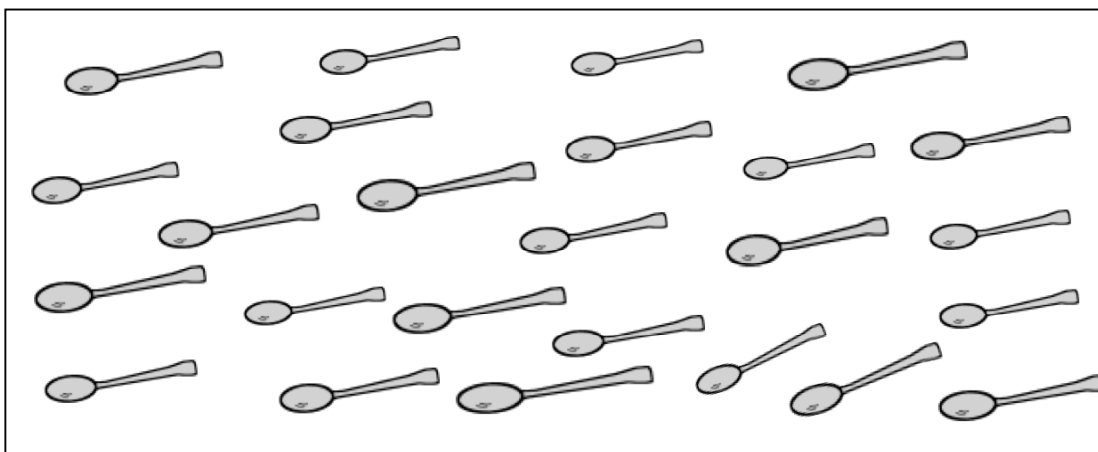


Abantwana bebonke kweli gumbi ba \_\_\_\_\_.

18. Gqibezela.

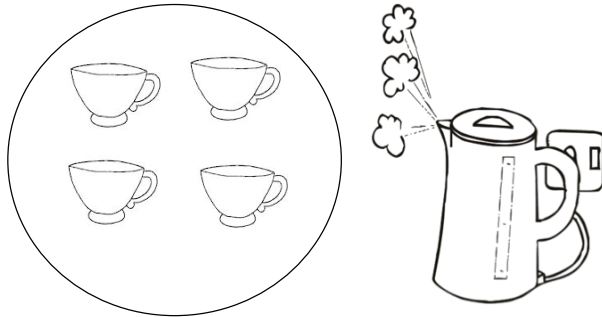
|      |       |              |            |
|------|-------|--------------|------------|
|      | Ndine | Ndasebenzisa | Itshintshi |
| 18.1 | R35   | R15          |            |
| 18.2 |       | 35c          | 15c        |

19. Yahlulela amantombazana ama-5 la macephe ngokulinganayo.




























Intombazana nganye iza kufumana amacephe a \_\_\_\_\_.

20. Iikomityi ezine zamanzi ezizeleyo zingazalisa iketile. Zingaphi iikomityi ezizeleyo zamanzi ezinokuzalisa iiketile ezimbini?



Iiketile ezimbini ziya kuzaliswa ziikomityi ezi \_\_\_\_\_.

2l. Sebenzisa igrafu yemifanekiso ukugqibezela izivakalisi ezingezantsi.

| Ingxelo yemozulu yeentsukwana zenyanga kaJulayi |   |   |   |   |  |   |   |
|---|---|---|---|---|--|---|---|
| Inani leentsuku                                 | 8 |   |   |   |  |   |    |
|   | 7 |   |   |   |  |   |    |
|   | 6 |   |   |   |    |   |    |
|   | 5 |   |   |   |    |   |    |
|   | 4 |   |   |   |   |   |   |
|   | 3 |  |   |  |  |   |  |
|   | 2 |  |  |  |  |   |  |
|   | 1 |  |  |  |  |  |  |
|   |   | Kusibekele  | Kushushu  | Kuyaduduma  | Kuyana   | Ikhephu   | Umoya   |

2l.1 Zibe \_\_\_\_\_ iintsuku ezinemvula kwinyanga ka Julayi.

2l.2 \_\_\_\_\_ ngaphezulu iintsuku ezinomoya kwezo zineendudumo.

**EWONKE: 30**