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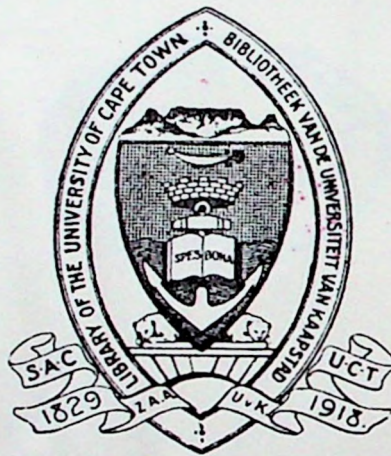
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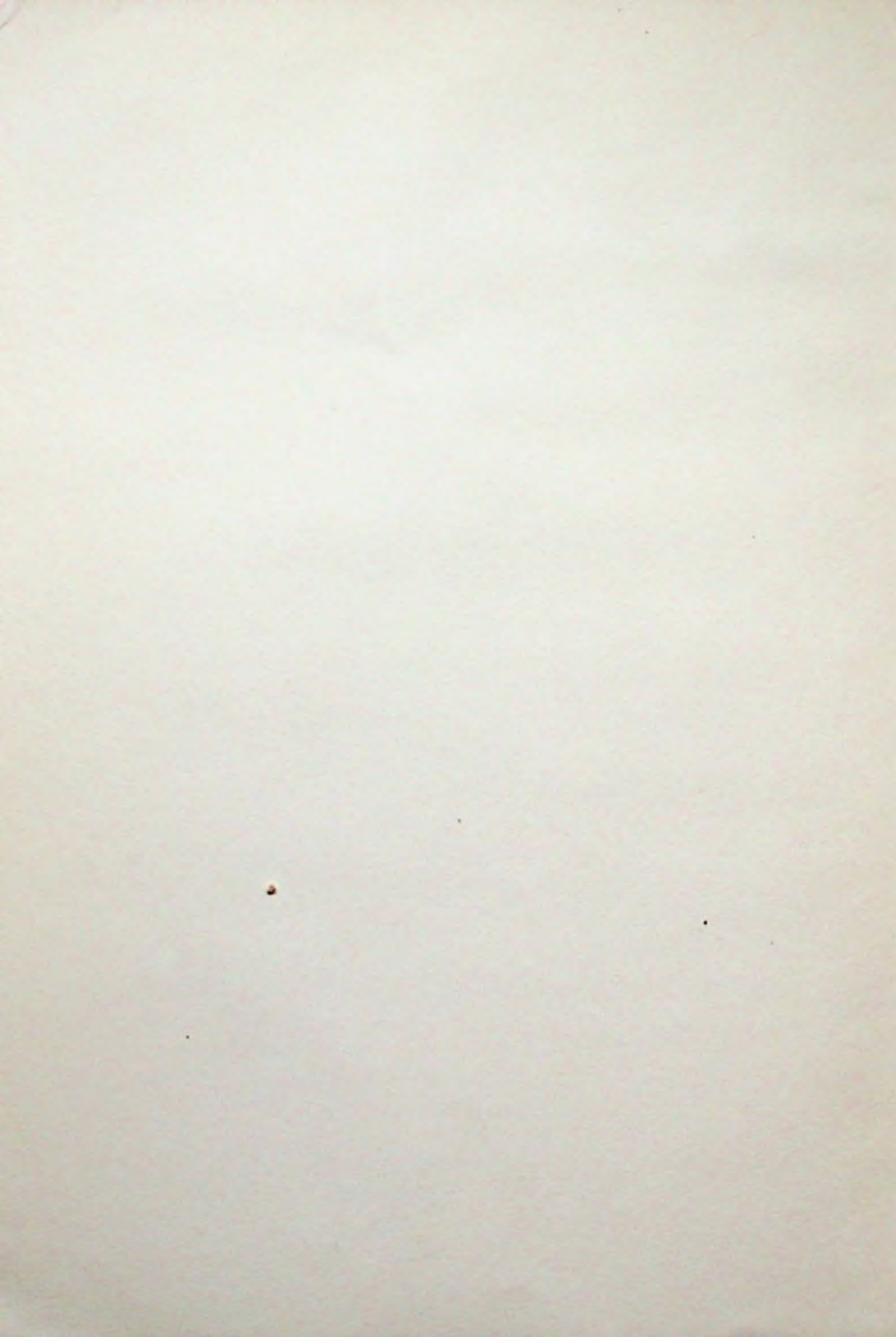
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African Studies Seminar.



G. A. S. LTD. C. T.





# IZIBALO ZIKA LONGMANS

ZEZIKOLO ZABANTSUNDU BOM  
ZANTSI AFRIKA.

(USHICILELO LWESIXOSA)

ISIQIBI I

IBALWE NGU

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LONGMANS, GREEN AND CO., LTD.

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1931

**SHUTER & SHOOTER**  
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*Ishicilelwe e-Brittani. Onke amalungelo agciniwe.*

# IZIBALO ZIKA LONGMANS

ZEZIKOLO ZABANTSUNDU BOM ZANTSI  
AFRIKA

(USHICILELO LWESIXOSA)

## I.—UKUBULO LOMSEBENZI KA-SUB-B

### UMZEKELO 1.

*(Amanani aqalela kwi 11–20.)*

Bhala inani laleminxunyana, uyibhale, uze ulibhale inani njenga kulo mqondiso wokuqala.

1. 

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$10 + 2 = 12.$

2. 

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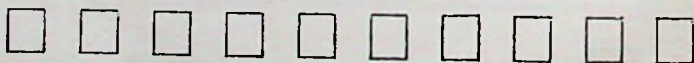
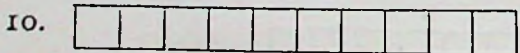
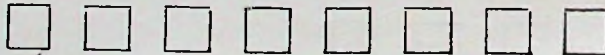
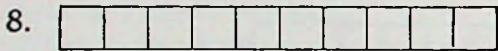
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3. 

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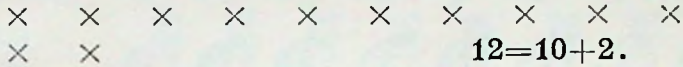
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UMZEKELO 2.

1. Zoba o-X abali 12 ulibhale inani njenga kulo mqondiso :



2. Kawuzobe amacapaza ali 17 anjengeli : ●, kwanje ngawo la mqondiso wokuqala.

3. Landelisa uzobe imigca eli 14 enjenga lo : |.

4. Pinda uzobe amacici ali 11 : ○.

5. Zoba i 15 lomacala-matatu : △.

6. Zoba i 18 lomacala-mane : □.

7. Zoba i 16 lo-x : ×.

8. Zoba i 19 lamacici : ○.

9. Zoba i 13 lamacapaza : ●.

10. Zoba ama 20 omacala-mane : □.

UMZEKELO 3.

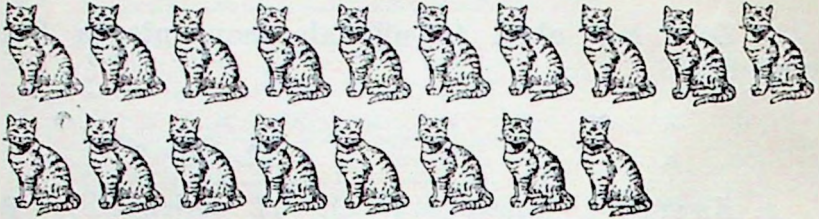
Bhala into ozifumeneyo ngamanani.

1. Mangapina ama-apile owafumeneyo ?

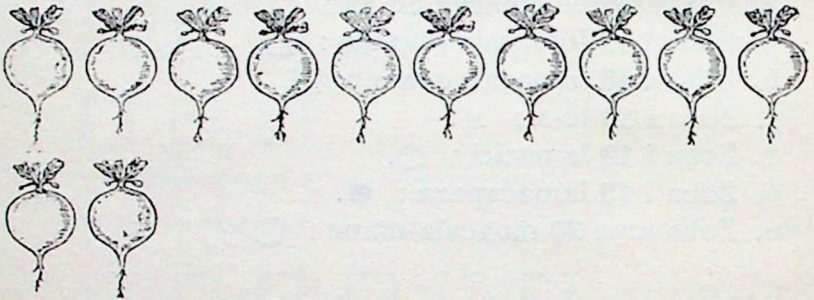


13.

2. Zingapi ezi kati ?



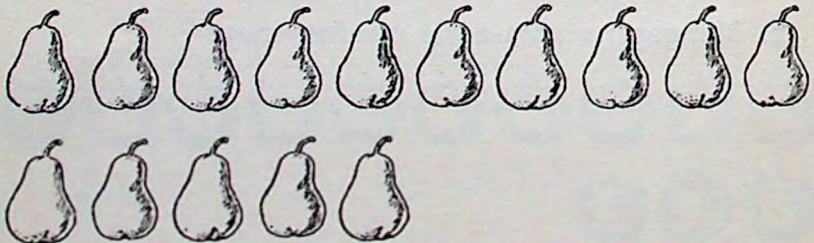
3. Mingapi le migushe ?



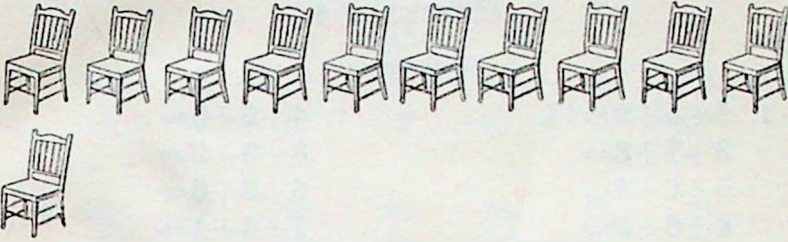
4. Zingapi ezi ntaka ?



5. Mangapi la mapere ?



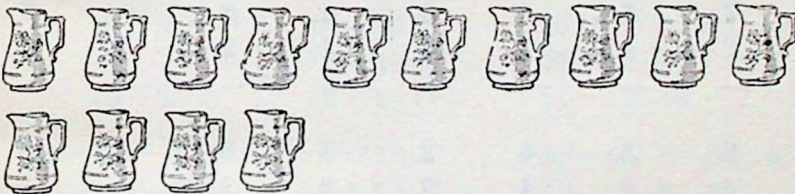
6. Zingapi ezi zitulo ?



7. Zingapi ezi gusha ?



8. Zingapi ezi joko ?



9. Zingapi ezi zihlangu ?



10. Zingapi ezi zihlangu ?



## UMZEKELO 4.

*(Ulongezo.)*

1.  $4+5+9=18.$

$3+7+8=$

$5+6+4=$

$6+6+5=$

$7+3+6=$

$8+4+7=$

$5+7+8=$

$9+4+6=$

$4+5+8=$

$3+8+7=$

2.  $4+6+5=$

$3+9+2=$

$6+6+6=$

$7+5+4=$

$8+4+8=$

$9+3+5=$

$2+8+7=$

$5+5+5=$

$4+9+7=$

$6+7+5=$

3.	3	6	2	4	5	7	9	6
	4	2	7	4	9	2	2	4
	7	8	4	3	1	9	4	5
	2	4	7	5	4	2	5	5
	—	—	—	—	—	—	—	—

4.	2	3	4	2	5	3	4	2
	4	5	4	7	2	3	7	4
	5	4	4	3	5	3	2	4
	3	3	4	4	3	3	4	5
	4	5	4	3	5	3	2	4
	—	—	—	—	—	—	—	—

5.	2	4	3	4	2	3	1	6
	4	3	3	2	2	1	2	2
	2	4	3	4	2	2	3	2
	3	2	3	2	2	4	3	3
	4	5	3	4	2	5	5	3
	3	3	3	2	2	5	2	3
	—	—	—	—	—	—	—	—

UMZEKELO 5.

(U Tabato.)

I.	12	13	19	17	18	20	20	19
	-6	-8	-12	-9	-13	-4	-12	-5
	—	—	—	—	—	—	—	—

2.	18	17	16	16	15	15	14	14
	-5	-12	-8	-14	-7	-11	-10	-6
	—	—	—	—	—	—	—	—

3.	11-7=	19-11=	12-4-5=
	12-5=	17-15=	11-2-6=
	14-9=	18-12=	15-4-7=
	15-6=	12-11=	16-10-2=
	18-9=	16-14=	13-5-4=
	17-8=	13-12=	14-7-5=
	16-7=	14-11=	12-4-3=
	13-6=	15-13=	16-7-3=
	12-7=	19-15=	15-11-2=
	13-8=	18-11=	14-6-4=

4.	12=8+	7=12-	20-4-5-6=
	13=7+	5=13-	19-5-4-3=
	15=6+	8=14-	18-2-6-4=
	17=11+	6=15-	17-4-5-4=
	16=9+	9=16-	16-2-7-3=
	11=5+	12=17-	15-4-4-4=
	14=3+	5=18-	14-3-2-7=
	18=9+	13=19-	13-4-2-4=
	16=12+	9=20-	12-4-3-1=
	13=5+	13=18-	11-2-3-2=

5. Tabata elincinane kwelikulu :

12 ne 6 ; 18 ne 16 ; 7 ne 10 ; 13 ne 8 ;  
 17 ne 15 ; 12 ne 17 ; 15 ne 9 ; 16 na 20.

## UMZEKELO 6.

*(Ulongezo no Tabato.)*

1. Bhala amanani asusela kwisi 2 ase kuma 20, uqakate ngezi 2.

Bhala amanani asusela kuma 20 ase kwisi 2, uhle ngezi 2.

Bhala amanani asusela kwisi 1 ase kwi 19, uqakate ngezi 2.

Bhala amanani asusela kwi 19, ase kwisi 1, uhle ngezi 2.

Bhala amanani asusela kwisi 3 ase kwi 18, uqakate ngezi 3.

Bhala amanani asusela kwi 18 aye kwisi 3, uhle ngezi 3.

Bhala amanani asusela kwisi 1 ase kwi 19, uqakate ngezi 3.

Bhala amanani asusela kwi 19 ase kwisi 1, uhle ngezi 3.

Bhala amanani asusela kwisi 2 ase kuma 20, uqakate ngezi 3.

Bhala amanani asusela kuma 20 ase kwisi 2, uhle ngezi 3.

2.  $6+3+9-4=$

$7-5+8+5=$

$4+9-3+4=$

$9+6-4-7=$

$8+8-5-3=$

$2+8-6+9=$

$5-3+8-1=$

$9+8-3+4=$

$7+9-2-7=$

$6+7+7-8=$

3.  $4+5+7-12=$

$5+8+6-16=$

$7+7+6-15=$

$4+9+5-11=$

$3+7+10-14=$

$10+5+4-17=$

$11+2+5-10=$

$2+12-7-3=$

$4+15-9-8=$

$6+14-10-5=$

4. Yongeza i 12 kwisi 8, uze utabate i 15 kokuzuzileyo. Yongeza isi 9 kwisi 7, uze utabate i 10 kokuzuzileyo. Yongeza i 14 kwisi 6, uze utabate i 18 kokuzuzileyo. Yongeza isi 9 kwisi 9, uze utabate isi 9 kokuzuzileyo. Tabata isi 9 kwi 18, uze wongeze isi 7 kokuzuzileyo. Tabata i 12 kuma 20, uze wongeze isi 6 kokuzuzileyo. Tabata i 15 kwi 19, uze wongeze i 10 kokuzuzileyo. Tabata isi 5 kwi 13, uze wongeze isi 7 kokuzuzileyo.

## UMZEKELO 7.

*(Ulongezo no Tabato—Ingqondiso.)*

1. Inkwenkwe inamabastile ali 14, yazuza 4 ngapuzulu. Mangapi ke ngoku ?
2. Umlimi utengise inxowa zo 6 zombona kwasala 11. Bezingapi kuqala ?
3. Esikolweni kuko izitulo ezili 18 ; kwahlala abantwana aba 11 ; zazingapi ke izitulo ezingenamntu ?
4. U John uminyaka isi 9 ubudala. Umkuluwa wake u Pita ili 16. Makube mdala kangakanani u Pita kuno John ?
5. U Albert unesheleni zosi 8, ezika Mary zi 3 nganeno kwezo. Zingapi ke isheleni zika Mary ? Zaye zingapi isheleni zabo zidibene ?
6. Emveni kokuba abantwana abasi 8 betabate incwadi yanye emnye kusele zasi 7. Makube zazingapi ezincwadi kuqala ?
7. Zingapina ilamuni ezingongezelelwa kwilamuni ezi 5 ukuze zibe li 12 ?
8. U Sam uminyaka isi 9 ngoku ubudala. Yoba mingapi iminyaka ukuze abe li 16 ?
9. U Mama utenge ama-apile ali 15. Upe u Henry ama 3, u Jacob ama 4. Kusele isingapi ?

10. Kuko abantwana abali 18 esikolweni; kupume baba 4, isi 6 sangena. Bangapi ke ngoku abantwana kulo ndlu?

11. U John unamabastile ali 16. Alahleka asi 8 wafumana amane qa. Unamabastile amangapi ke ngoku?

12. U-Mama unamaqanda ma 3 aseleyo. Utenge 12, wawasebenzisa asi 8. Ubenamaqanda amangapi ke?

13. Kwakuko izitulo ezili 16 esikolweni. Kwafika amakwenkwe amatandatu nentombi ezili 12 esikolweni. Babe bangapi abantwana abangabanga nazihlalo?

14. Umfo ube nohambo lwemayile ezili 18. Uhambe imayile zo 5 ngom-Vulo zasi 7 ngolwesi-Bini. Usaza kuhamba imayile zongapi ngolwesi-Tatu?

15. Kwisitali esitile kwakuko amahashe ama 6, eli 10 kwesinye. Amahashe amane atengisiwe. Kusele mangapina?

### UMZEKELO 8.

(Ulwandiso.)

1. ○ ○ Mangapina amacici akumrozo ngamnye?

○ ○ Mingapi yona imirozo leyo?

○ ○ Mangapi amacici?

○ ○ Bhala, uze uzalise ezi zizekevu :

○ ○  $1 \times 2 = 2$     $4 \times 2 =$     $7 \times 2 =$     $10 \times 2 =$

○ ○  $2 \times 2 =$     $5 \times 2 =$     $8 \times 2 =$

○ ○  $3 \times 2 =$     $6 \times 2 =$     $9 \times 2 =$

2. △ △ △ Bangapina o-macala-matatu kumrozo

△ △ △ ngamnye?

△ △ △ Imingapina yona imirozo apo?

△ △ △ Bebangapina o-macala-matatu?

△ △ △ Bhala, uzalise ezi zizekevu :

$1 \times 3 =$     $3 \times 3 =$     $5 \times 3 =$

$2 \times 3 =$     $4 \times 3 =$     $6 \times 3 =$



3.     Mangapina la macala-mane kumrozo  
    ngamnye ?  
    Imingapi yona imirozo ?  
    Mangapina amacala-mane ?

Bhala, uzalise ezi zizekevu :

$$1 \times 4 = \quad 3 \times 4 = \quad 5 \times 4 =$$

$$2 \times 4 = \quad 4 \times 4 =$$

4. ● ● ● ● ● Mangapina la macapaza kumrozo  
 ● ● ● ● ● ngamnye ?  
 ● ● ● ● ● Imingapi yona lemirozo ?

Mangapi la macapaza ?

Bhala uzalise ezi zizekevu :

$$1 \times 5 = \quad 2 \times 5 = \quad 3 \times 5 = \quad 4 \times 5 =$$

5. × × × × × × Bangapi o-X (ngxaba) abaku  
 × × × × × × mrozo ngamnye ?  
 × × × × × × Mingapi yona imirozo ?  
 Bangapi o-X ?

Bhala uzalise ezi zizekevu :

$$1 \times 6 = \quad 2 \times 6 = \quad 3 \times 6 =$$

UMZEKELO 9.

1.  $10 \times 2 =$

$7 \times 2 =$

$5 \times 2 =$

$9 \times 2 =$

$2 \times 2 =$

$4 \times 2 =$

$8 \times 2 =$

$3 \times 2 =$

$1 \times 2 =$

$6 \times 2 =$

2.  $6 \times 3 =$

$4 \times 3 =$

$2 \times 3 =$

$5 \times 3 =$

$3 \times 3 =$

$1 \times 3 =$

$3 \times 4 =$

$1 \times 4 =$

$4 \times 4 =$

$2 \times 4 =$

3.  $4 \times 5 =$

$1 \times 5 =$

$3 \times 5 =$

$2 \times 5 =$

$2 \times 6 =$

$1 \times 6 =$

$3 \times 6 =$

$2 \times 7 =$

$2 \times 8 =$

$2 \times 9 =$



6. Siyintoni isiqingata sama 20 ? sesi 8 ; se 10 ? se 16 ?

7. Intombi ezi 5 zine switisi ezi 3 inye. Zingapi ezo switisi zizonke ?

8. Siyintoni isiqingata sesine se 12 ? sesi 8 ? sama 20 ?

9. Amasebe amabini omti anepesika ezisi 8 lilinye. Zingapi ke ipesika ezo zizonke ?

10. Kuko ilamuni ezili 15. Amakwenkwe ama 3 ingazuza isingapi inye ?

11. Amakwenkwe ama 6 anegusha ezi 3 inye ; zingapi igusha zawo onke ?

12. Umfo unamabastile ali 16 awabele amakwenkwe ama 4 ngokulinganayo. Izuze isingapi inkwenkwe inye ?

13. Intombi itabate amaqanda ama 4 kwindlu yesikukukazi ka 5 ngemini enye. Mangapi edibene amaqanda eyawasa kunina ?

14. Ama-apile ama 4 angatatyatwa kangapi kwi baskiti enama 20 ?

15. U-Jimi unamabastile ama 5. Aka Tomi apindwe kane kunala. Mangapi ke aka Tomi ?

### UMZEKELO 11.

1. Omati aba 2 bezihlangu bangadla ntoni xa umati omnye adla isheleni ezili 12 ?

2. Ndinamaceba ali 16 egilasi. Ifestile inye ifuna amaceba ama 4. Zingaba ngapi ifestile endingazenzayo ?

3. Zingaba zingapi izihlangu ko mati abali 10 ?

4. Umfo usebenzele isheleni ezili 18 ngentsuku ezi 3. Makabe ubezuza ntoni ngemini ?

5. Amakwenkwe ama 2 nentombi ezi 3 zisemgceci. Bangapi ke abantwana abakwimigca emi 4 ?

6. Ukuba ndinesheleni ezili 14 ndingatenga incwadi ezingapi xa inye indibize isheleni zo 2 ?

7. Kuko imirozo emi 5 yezitulo ezi 5 egumbini. Ezi zihlalo zezabantu abangapi ?

8. Incwadi inamapepa ali 18 ; ungati ukuba ufunda amapepa asi 9 ngemini, ungatabata ituba elingakanani ukuyifunda le ncwadi ?

9. Ukuba abantwana aba 5 ute emnye wazuza izibalo ezi 4 ezite zalunga, zingaba zingapi zizonke zabo ezite izibalo zalunga ?

10. Kwakuko amaqosha ali 18 kwikasi elitile. Kwakuko nemirozo emi 3. Makube ayemangapi amaqosha kumrozo ngamnye ?

### UMZEKELO 12.

*(Ukukubula.)*

1. Yongeza isi 6 sama-apile kuma-apile ali 14.

2. Tabata isheleni ezili 12 kwisheleni ezima 20.

3. Mingapina imigca emi 4 yamakwenkwe ama 4 ?

4. Intombi ezintatu zahlulelene ngelamuni ezili 12 ngokulinganayo. Inye intombi izuze isingapi ?

5. Umfo uhambe imayile ezili 18 ukumka ekaya. Ekubuyeni utabate imayile ezi 6, wapinda watabata zakwa 6. Usekude kangakanani ekayeni lake ?

6. Amakwenkwe ama 4 inye inamabastile ama 3 enxoweni namabastile ama 2 kwenye inxowa. Mangapi la mabastile anawo ewonke ?

7. U Jane une 10 lesheleni, u Mary unesi 8 sesheleni ; bazidibanisa ke ngokulinganayo. Emnye ke unesingapi ngoku ?

8. Ukuba inkwenkwe isebenzela isheleni zo 2 ngemini, ingasebenza intsuku zongapi ukuze ifumane isheleni ezili 14 ?

9. Intombi itenge ipensile ngepeni zombini, nencwadi

ngepeni zontandatu. Ifanele ukuzuza ntoni itshintshi eshelenini ?

10. Kumaqanda ali **18** ama **4** ate abola, aza ama **3** apuka. Mangapi ke ngoku asalungileyo ?

11. Iminyaka ka Henry yobudala ili **12**, udade wabo eyake ili **16**. Usemncinci kangakanani ke kunodade wabo ?

12. Inkwenkwe ibinesikisipeni ezi **3**, yatenga incwadi ezi **2**, inye izipeni zone. Isele namali ni ?

13. Umfo ubenabantwana aba **5**, baza banikwa ilamuni ezili **15** ukuba babelane ngazo ngokulinganayo ; uzuze isingapi emnye ?

14. U Dora ube nesikisipeni azigcineleyo waza wapiwa itiki. Ke ufuna ukutenga umnqwazi wesheleni enye. Sekusele ipeni ezingapi ukuba awufumane ?

15. Isiqingata se **16** sikulu kangakanani kunesiqingata sesitatu se **15** ?

## II.—UMSEBENZI WESIQIBI I.

### UMZEKELO 13.

(*Amanani 21-100.*)

Bhala inani laleminxunyana imacala-mane uze into oyifumeneyo nyibhale njengoku :

1. 


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$$20 + 5 = 25.$$

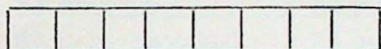
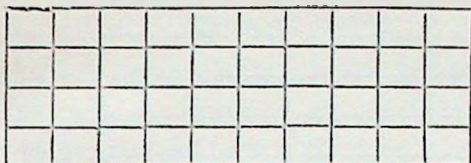
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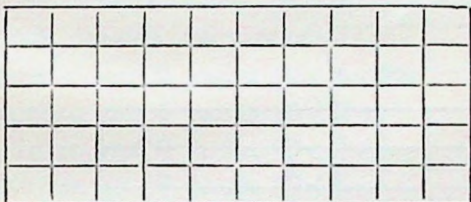
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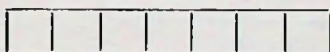
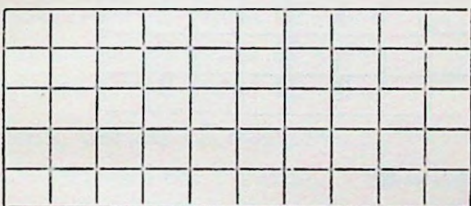
4.



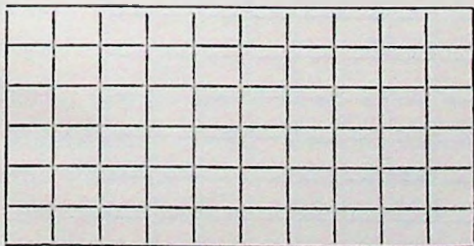
5.



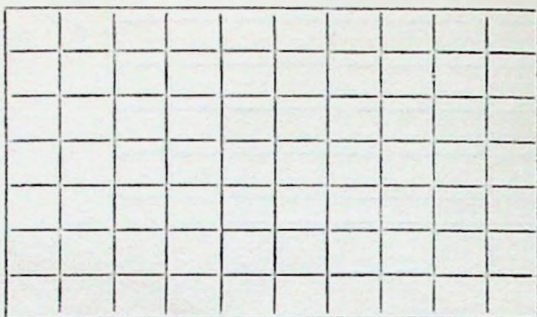
6.



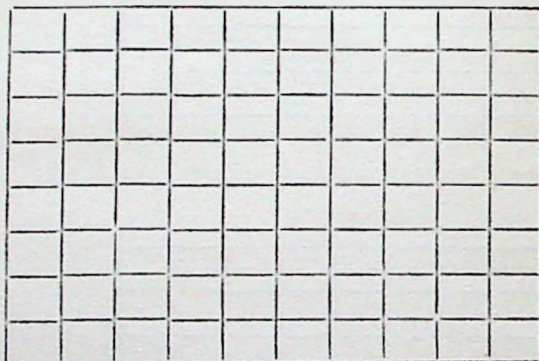
7.



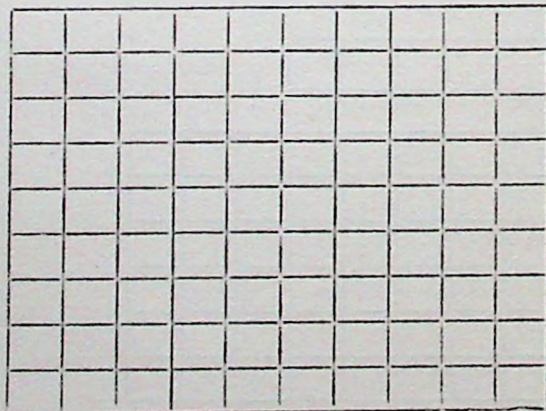
8.



9.



10.





## UMZEKELO 14.

1. Zoba ezi zinto ubeke ishumi kumrozo ngamnye :

28 omacala-mane ; 32 omacala-mane ;  
 49 macala-matatu ; 43 macala matatu ;  
 55 amacici ; 58 amacici ;  
 64 o-X (ngxaba) ; 73 o-X ;  
 86 amacapaza ; 95 amacapaza.

2. Bhala, uzalise ezi zizekevu :

Imirozo emi 2 yama  $10+8=28$   
 Imirozo emi 4 yama  $10+2=$   
 Imirozo emi 6 yama  $10+4=$   
 Imirozo esi 7 yama  $10+5=$   
 Imirozo esi 8 yama  $10+4=$   
 Imirozo emi 3 yama  $10+9=$   
 Imirozo emi 4 yama  $10+7=$   
 Imirozo esi 9 yama  $10+4=$   
 Imirozo esi 8 yama  $10+6=$   
 Imirozo esi 8 yama  $10+8=$

3. Bhala, uzalise ezi zizekevu :

74=Imirozo esi 7 yama-	93=Imirozo esi 9 yama-
shumi+4	shumi+3
38=	65=
62=	48=
89=	99=
46=	78=

4. Bhala, uze ke emva koko ukete elona nani lililo :

Ishumi linambini =12	Ishumi linantlanu =
Amashumi amabini =	Amashumi amahlanu =
Ishumi linantatu =	Ishumi linantandatu =
Amashumi amatatu =	Amashumi amatandatu =
Ishumi linane =	Ishumi linesixenxe =
Amashumi amane =	Amashumi asixenxe =

Amashumi amabini anesihlanu	=
Amashumi amahlanu anambini	=
Amashumi amatatu anantandatu	=
Amashumi amatandetu anantatu	=
Amashumi amane anesibozo	=
Amashumi asibozo anane	=

5. Bhala ngamanani, ususele kumashumi omabini ananye use kumashumi omatatu anantandatu.

6. Bhala ngamanani, ususele kumashumi omane anesihlanu use kumashumi omahlanu anesixenxe.

7. Bhala onke amanani asusela kumashumi omatandatu anesibozo ase kumashumi osixenxe anesitoba.

8. Bhala onke amanani asusela kumashumi osibozo anesixenxe ase kumashumi ositoba anesihlanu.

9. Bhala la manani alandelayo, uze uwabeke ngamazwi :

24 = amashumi amabini	56 = amashumi amahlanu
anane	anantandatu
48 =	89 =
32 =	72 =
23 =	27 =
65 =	61 =

10. Bhala lamanani uze ke uzalise ezo zizekevu njengakumqondiso wokuqala :

24 = 20 + 4
37 =
19 =
91 =
56 =
62 =
26 =
73 =
54 =
45 =

UMZEKELO 15.

(Ulongezo no Tabato.)

1.  $40 + 20 =$

$20 + 60 =$

$30 + 20 =$

$70 + 10 =$

$60 + 30 =$

$50 + 20 =$

$80 + 10 =$

$40 + 50 =$

3.  $70 - 40 =$

$40 - 10 =$

$90 - 60 =$

$30 - 20 =$

$80 - 40 =$

$50 - 30 =$

$60 - 30 =$

$20 - 10 =$

5.  $20 + 40 =$

$30 + 50 =$

$10 + 60 + 20 =$

$70 + 20 =$

$40 + 40 + 10 =$

$30 + 30 + 30 =$

$60 + 30 =$

$50 + 10 =$

2.  $50 + 30 =$

$40 + 30 =$

$50 + 10 =$

$60 + 20 =$

$70 + 20 =$

$30 + 40 =$

$20 + 50 =$

$20 + 20 =$

4.  $70 - 60 =$

$80 - 50 =$

$90 - 20 =$

$60 - 20 =$

$50 - 40 =$

$40 - 30 =$

$90 - 40 =$

$80 - 20 =$

6.  $70 - 20 =$

$90 - 10 - 20 =$

$90 - 60 =$

$80 - 40 =$

$70 - 30 - 20 =$

$80 - 40 - 20 =$

$50 - 20 =$

$40 - 30 =$

7. Umlimi unegusha ezima 50. Utenga ama 20 ngapezulu. Unagusha zingapi ke ?

8. Emva kwenyanga ezintatu uxele ama 20 azo ; usele nesingapi ke ?

9. U Jacob unesheleni ezima 40. Uzuze amanye ama 20 kuyise ne 10 kunina. Unasheleni ngapi ke ngoku ?

10. U-Emma unezipeliti ezima 40, u Anna une 10 ngapezulu. Zingapi izipeliti zabo zidibene?

11. U Jack ucole ipesika ezima 20, u Peter 30, no John 10 ngapezu ko Peter. Zingapi zizonke ipesika abazicolileyo?

12. Inkwenkwe yenze izibalo ezima 20 ngom-Vulo, 10 ngolwesi-Bini, yati ngolwesi-Tatu yenza 20, nama 30 ngolwesi-Ne. Yenze izibalo ezingapi ngezo ntsuku zine?

13. Kuko imiti ema 80 esitiyeni. Kwesinye isitiya kuko imiti engapantsi ngama 20. Mingapi ke imiti kwesi samva?

14. Kumahashe ama 90 kufe ama 20 atengiswa ama 40. Kusele mangapi?

15. Umlimi utenge ibokwe ezima 40 pezu kwama 50 abesele enawo kade, waza ke watengisa ama 20. Usele nebokwe ezingapi?

#### UMZEKELO 16.

*Umqondiso* :  $22+7=7+2+20=9+20=29$ . Amanyatelo okusebenza : 7, 9, 29.

*Umqondiso* :  $26+3=(\text{ngentloko } 3, 9, 29)=29$ .

1.  $32+5=$

$36+3=$

$42+5=$

$73+4=$

$55+2=$

$51+8=$

$36+3=$

$41+4=$

2.  $63+5=$

$81+6=$

$25+4=$

$32+7=$

$53+3=$

$21+3=$

$31+4=$

$72+6=$

*Umqondiso* :  $38-4=(8-4)+30=4+30=34$ .

Amanyatelo omsebenzi : 8, 4, 34.

*Umqondiso* :  $28-5=(\text{ngentloko } 8, 3, 23)=23$ .

3. 28—6=  
 27—4=  
 37—3=  
 39—6=  
 47—3=  
 56—4=

4. 49—8=  
 58—5=  
 64—2=  
 79—5=  
 86—3=  
 98—7=

5. Linani lini elinesi 6 ngapezu kwama 22? Elinesi 4 ngapezu kwama 43? Elinesi 5 ngapezu kwama 74? Elinesi 6 ngapantsi kwama 38? Elinesi 6 ngapantsi kwama 96?

6. Umfo ubefuna ukutengisela ubawokazi ihashe ngama £28. Ubawokazi umhlawule i £3 ngapantsi. Uhlawule isingapi?

7. Imini ineyure ezima 24. Zingapi ke iyure kwimini enye eneyure ezi 5?

8. U Gertrude unezipeliti ezima 42, u Eva ezi 7 ngapezu ko Gertrude, u Louise ezi 4 ngapantsi ko Eva. Zingapi ke izipeliti zika Louise.

9. U-Michael uminyaka isi 7 ubudala, eka nina 38. Makube ke unina lo mdalakangakanani kuno Michael?

10. U John unamabastile ama 42. U-Peter unesi 6 ngapezu ko John. Mangapi ke aka Peter?

UMZEKELO 17.

*Umqondiso* :  $26+4=4+6+20=10+20=30$ . Ama-nyatelo okusebenza : 4, 10, 30.

*Umqondiso* :  $32+8=(ngentloko 8, 10, 40)=40$ .

1. 42+8=  
 24+6=  
 58+2=  
 41+9=  
 73+7=  
 22+8=  
 36+4=  
 67+3=

2. 84+6=  
 21+9=  
 82+8=  
 14+6=  
 75+5=  
 64+6=  
 47+3=  
 51+9=

*Umqondiso* :  $30 - 4 = (10 - 4) + 20 = 6 + 20 = 26$ . Amanyatelo okusebenza : 10, 6, 26.

*Umqondiso* :  $40 + 5 = (\text{ngentloko } 10, 5, 35) = 35$ .

3.  $40 - 6 =$

$70 - 6 =$

$50 - 8 =$

$30 - 7 =$

$90 - 9 =$

$60 - 3 =$

$80 - 8 =$

$20 - 4 =$

4.  $20 - 9 =$

$80 - 7 =$

$30 - 3 =$

$60 - 6 =$

$80 - 9 =$

$90 - 5 =$

$50 - 8 =$

$70 - 9 =$

5. U Michael unesheleni ezima 26. Ubuye wazuza za 4 ngapezulu. Unesheleni ezingapi ngoku?

6. U Ralph wenze izibalo ezima 32, u John wenza zasi 8 ngapezulu. Wenze isingapi ke u John?

7. Kumaqanda angama 60 isiqingata sedazini sapuka. Mangapi ke amaqanda asalungileyo?

8. Ubawo uminyaka isi 8 nganeno kobawokazi. Ubawokazi yena uminyaka ima 60 ubudala. Mdala kangakanani ubawo?

9. Ungongeza iminoti emingapi kwisi 6 ukuze ube neminoti ema 40? ema 20? ema 90? ema 50?

10. Mangapi amapere omawuwatye kuma 50 ukuze kusale amapere ama 43? ama 47? ama 45?

#### UMZEKELO 18.

*Umqondiso* :  $22 + 20 = 2 + 40 = 42$  ;  $30 + 22 = 2 + 50 = 52$ . Amanyatelo omsebenzi : 2, 40, 42 ; 2, 50, 52.

*Umqondiso* :  $36 + 20 = (\text{ngentloko } 6, 50, 56) = 56$ .

$40 + 35 = (\text{ngentloko } 5, 70, 75) = 75$ .

1.  $23 + 50 =$

$42 + 30 =$

$50 + 27 =$

$33 + 60 =$

$60 + 28 =$

$71 + 20 =$

$84 + 10 =$

$24 + 40 =$

2. $30 + 65 =$	$60 + 34 =$
$60 + 17 =$	$32 + 40 =$
$74 + 10 =$	$54 + 40 =$
$21 + 60 =$	$40 + 57 =$

*Umqondiso* :  $34 - 20 = 4 + 10 = 14$ .

Amanyatelo omsebenzi : 4, 10, 14.

*Umqondiso* :  $45 - 20 = (\text{ngentloko } 5, 20, 25) = 25$ .

3. $48 - 30 =$	4. $34 - 10 =$
$92 - 70 =$	$77 - 20 =$
$86 - 40 =$	$96 - 20 =$
$74 - 60 =$	$82 - 70 =$
$36 - 20 =$	$44 - 20 =$
$57 - 30 =$	$71 - 40 =$
$69 - 40 =$	$55 - 20 =$
$99 - 80 =$	$42 - 30 =$

5. Linani lini elinama 30 ngapezu kwama 48? Elinama 20 ngapezu kwama 64? 50 ngapezu kwama 28? 60 ngapantsi kwama 94? 40 ngapantsi kwama 88?

6. Kwisikolo esitile kuko amakwenkwe angama 48 nentombi ezima 40. Bangapi abo bantwana bebonke?

7. Ubawokazi unamahashe angama 56, wawatengisa ama 20. Usele namahashe amangapi ke?

8. U-Anne ucole amakiwane angama 28, Mary 20, Michael 10, mangapi edibene lomakiwane bawacoleyo?

9. Ama 20 ungawongeza kwini lini ukuze uzuze ama 84? Ama 40 ungawatabata kwini lini ukuze ushiye ama 56?

10. Ubawo uminyaka ima 68 ubudala, mna ndili 10, umkuluwa wam uma 20. Mingapi iminyaka yetu idibene?

#### UMZEKELO 19.

*Umqondiso* :  $28 + 4 = 12 + 20 = 32$ . Amanyatelo omsebenzi : 4, 12, 32.

*Umqondiso* :  $37 + 5 = (\text{ngentloko } 5, 12, 42) = 42$ .

- |               |               |
|---------------|---------------|
| 1. $25 + 7 =$ | 2. $24 + 9 =$ |
| $44 + 8 =$    | $38 + 4 =$    |
| $36 + 9 =$    | $88 + 6 =$    |
| $52 + 9 =$    | $49 + 3 =$    |
| $67 + 8 =$    | $78 + 7 =$    |
| $74 + 7 =$    | $29 + 4 =$    |
| $65 + 7 =$    | $72 + 9 =$    |
| $83 + 8 =$    | $35 + 6 =$    |

*Umqondiso* :  $35 - 7 = (15 - 7) + 20 = 8 + 20 = 28$ . Amanyatelo omsebenzi : 15, 8, 28.

*Umqondiso* :  $41 - 5 = (\text{ngentloko } 11, 6, 36) = 36$ .

- |               |               |
|---------------|---------------|
| 3. $55 - 7 =$ | 4. $43 - 6 =$ |
| $75 - 8 =$    | $52 - 8 =$    |
| $55 - 9 =$    | $54 - 5 =$    |
| $64 - 8 =$    | $56 - 7 =$    |
| $47 - 8 =$    | $61 - 3 =$    |
| $32 - 5 =$    | $65 - 6 =$    |
| $95 - 7 =$    | $84 - 9 =$    |
| $37 - 9 =$    | $72 - 8 =$    |

5. Inkwenkwe inezibalo ezima 36 ezite zalunga, zasi 8 ezite azalunga. Yenze izibalo ezingapi ?

6. Indoda inesheleni ezima 44 ; kuqala icite isheleni ezisi 8, yapinda yacita isheleni ezisi 7. Isele nesheleni ezingapi ?

7. Bhala amanani asusela kuma 94 ase kwisi 6, uhle ngezibozo. Bhala amanani asusela kwisi 5 ase ku 82, unyuke ngezi 7.

8. Kwisikolo esitile abantwana aba 6 babengeko, ababeko bengama 37. Bebemelwe kukuba bangapina abantwana kweso sikolo ?

9. Kumahashe akuma 64 kufe isi 8 kwatengiswa ama 40. Kusele amahashe amangapi ke ?

10. Nditenge ihashe ngama £26, ndalitengisa ukuba ndizuze i £6. Ndilitengise ngesingapi ihashe elo ?



## UMZEKELO 20.

*Umqondiso* :  $22 + 46 = 8 + 60 = 68$ . Amanyatelo omsebenzi : 2, 8, 60, 68.

*Umqondiso* :  $36 + 52 = (\text{ngentloko } 8, 80, 88) = 88$ .

1.  $41 + 42 =$

$72 + 27 =$

$63 + 32 =$

$53 + 16 =$

$83 + 14 =$

$24 + 62 =$

$74 + 14 =$

$33 + 55 =$

2.  $46 + 21 =$

$81 + 17 =$

$55 + 23 =$

$21 + 22 =$

$44 + 35 =$

$85 + 11 =$

$77 + 22 =$

$32 + 33 =$

*Umqondiso* :  $46 - 21 = (6 - 1) + 20 = 25$ . Amanyatelo omsebenzi : 5, 20, 25.

*Umqondiso* :  $45 - 32 = (\text{ngentloko } 3, 10, 13) = 13$ .

3.  $78 - 34 =$

$96 - 45 =$

$89 - 56 =$

$49 - 26 =$

$99 - 77 =$

$56 - 34 =$

$68 - 41 =$

$59 - 36 =$

4.  $38 - 23 =$

$66 - 22 =$

$39 - 14 =$

$74 - 32 =$

$45 - 33 =$

$98 - 45 =$

$64 - 32 =$

$98 - 46 =$

5. Ubawo unenkabi ezima 24, ezika bawokazi zima 32. Zingapi inkabi zabo zidibene ?

6. Linani lini elingapezulu ngama 24 kuma 52 ? Ililipi inani elingapantsi ngama 36 kuma 89 ?

7. Umfo obenetyala lama £89 uhlaule ama £64. Usabamba isingapi setyala ?

8. Umgcini-venkile unenxowa ezima 78. Ute ngomvulo watengisa ama 24 ; ngolwesi-Bini utengise i-12 ngapezulu. Usasele nenxowa ezingapi ?

9. Kwisikolo esitile kwakuko intsapo ema 58. Ukuba amakwenkwe ayema 36, makube zazingapi intombi ?

Kanjalo zazimbalwa kangakanani intombi kunamakwenkwe?

10. Ubawo omkulu uminyaka ima 88 ubudala, ubawo 46. Ubaw'omkulu lo mdala kangakanani kunobawo?

### UMZEKELO 21.

*Umqondiso* :  $49 + 32 = 11 + 70 = 81$ . Amanyatelo omsebenzi : 2, 11, 70, 81.

*Umqondiso* :  $34 + 38 = (\text{ngentloko } 12, 60, 72) = 72$ .

1. $34 + 38 =$	2. $49 + 32 =$
$37 + 46 =$	$28 + 53 =$
$44 + 39 =$	$24 + 66 =$
$28 + 57 =$	$36 + 29 =$
$27 + 46 =$	$63 + 19 =$
$45 + 28 =$	$53 + 19 =$
$47 + 36 =$	$74 + 17 =$
$59 + 15 =$	$25 + 36 =$

*Umqondiso* :  $43 - 28 = (13 - 8) + 10 = 15$ . Amanyatelo omsebenzi : 13, 5, 10, 15.

*Umqondiso* :  $52 - 16 = (\text{ngentloko } 12, 6, 30, 36) = 36$ .

3. $32 - 16 =$	4. $91 - 47 =$
$45 - 27 =$	$32 - 14 =$
$84 - 68 =$	$46 - 28 =$
$55 - 39 =$	$74 - 59 =$
$73 - 38 =$	$43 - 24 =$
$85 - 49 =$	$61 - 37 =$
$96 - 47 =$	$72 - 36 =$
$78 - 39 =$	$91 - 69 =$

5. Inkabi ezima 48, nezima 36 zingapi zidibene?

6. Umnyaka uneveki ezima 52. Zingapi ke iveki zomnyaka oneveki ezili 19?

7. U-William unesheleni ezima 36, umkuluwa wake unesheleni ezili 12 ngapezulu kuye. Zingapi ke isheleni zomkuluwa wake lowo? Zingapi kubo behlanganisene

8. Kwigusha ezima 62 kutengiswe ama 36. Kusele isingapi ?

9. Umfo utengise iqela lamahashe nge £72. Ukuba ungenise £18 makube amahashe lawo abemdle ntoni ?

10. Umgcini-venkile utengise amaqanda angama 24 wasalelwa ngama 48. Ube namaqanda amangapi ekuqaleni ?

UMZEKELO 22.

*Umqondiso* :  $54 + 19 = 74 - 1 = 73$ . Amanyatelo omsebenzi : 54, 74, 73.

*Umqondiso* :  $43 + 29 = (\text{ngentloko } 43, 73, 72) = 72$ .

1.  $64 + 9 =$

$72 + 9 =$

$45 + 9 =$

$86 + 9 =$

$24 + 19 =$

$32 + 19 =$

$45 + 19 =$

$64 + 19 =$

2.  $26 + 29 =$

$34 + 29 =$

$32 + 39 =$

$27 + 49 =$

$35 + 29 =$

$46 + 39 =$

$54 + 39 =$

$48 + 29 =$

*Umqondiso* :  $42 - 19 = 22 + 1 = 23$ . Amanyatelo omsebenzi : 42, 22, 23.

*Umqondiso* :  $53 - 29 = (\text{ngentloko } 53, 23, 24) = 24$ .

3.  $73 - 9 =$

$81 - 9 =$

$54 - 9 =$

$95 - 9 =$

$73 - 19 =$

$84 - 19 =$

$46 - 19 =$

$53 - 19 =$

4.  $73 - 29 =$

$64 - 29 =$

$85 - 29 =$

$57 - 29 =$

$75 - 39 =$

$98 - 39 =$

$74 - 49 =$

$94 - 69 =$

5. Evenkileni kumi inxowa zombona ezima 75. Kuseko ezisi 9 enqwelweni. Zingapi ezinxowa zazilapo zizonke ?

6. Ama 35 egusha ne 19 legusha sisingapi ?

7. Umfo ucite ama £29 ; usele nesingapi xa ebene £82 ?  
 8. Kwinoxowa ezima 73 zombona kutengiswe ama 39 ; kwasala isingapi ke ?  
 9. Umfazi unenkuku ezima 64. Ukuba zite zafa ezima 29 kusele zingapi ?  
 10. Umgcini-venkile utengisa iyadi ezili 19 zomtya kwiyadi ezibe zima 85. Usasele neyadi ezingapi ?

## UMZEKELO 23.

*(Ukukubula.)*

- |              |              |
|--------------|--------------|
| 1. 48 + 23 = | 2. 46 + 7 =  |
| 36 + 7 =     | 33 + 8 =     |
| 24 + 20 =    | 65 + 5 =     |
| 33 + 42 =    | 74 + 6 =     |
| 50 + 40 =    | 33 + 33 =    |
| 36 + 3 =     | 49 + 49 =    |
| 42 + 8 =     | 38 + 38 =    |
| 35 + 9 =     | 29 + 29 =    |
| 3. 65 - 37 = | 4. 78 - 39 = |
| 42 - 8 =     | 50 - 7 =     |
| 68 - 40 =    | 50 - 20 =    |
| 75 - 43 =    | 50 - 24 =    |
| 80 - 60 =    | 88 - 79 =    |
| 39 - 8 =     | 85 - 59 =    |
| 70 - 9 =     | 86 - 9 =     |
| 64 - 32 =    | 72 - 19 =    |

5. Inkwenkwe ifunde amapepa angama 36 ngemini enye, yafunda i 16 ngenye imini. Ifunde amapepa amangapi ewonke.

6. Epanjeni kwakuko amahashe ali 19, nemazi zenkomo ezili 12. Zazingapi ezompahla kwelopandle ?

7. Kuko igusha ezima 21 kobunye ubuhlanti, ili 16 kobunye ; zazingapi igusha ezikwezo ntlanti zimbini ?



5. Umfo uhambe imayile ezima 23 ngom-Vulo, ne 18 lemayile ngolwesi-Bini. Selehambe kangakanani ?

6. U Jimi unamabastile angama 42, wadla 16 ku Tom ; makabe unesingapi ke ngoku ?

7. U Mary utengise amaqanda angama 24 kwenye ivenkile, ne 15 kwenye. Utengise isingapi ke ewonke ?

8. U Tom ube namabastile ama 46. Usele namangapi ke akuba elahlekwe ngama 24 ?

9. Umfo ube namahashe angama 34. Utengise 18. Usele namangapi ke ?

10. Kwakuko incwadi ezima 32 evenkileni ; i 15 lazo litengisiwe. Zingapi ezisasele evenkileni ?

## UMZEKELO 25.

1. Yongeza :	21	12	11	23	16	21
	13	12	18	23	16	21
	22	13	20	23	16	21
	23	20	40	23	16	21
	—	—	—	—	—	—
2. Yongeza :	7	5	6	4	7	7
	8	9	8	7	9	8
	3	6	7	6	4	9
	6	7	9	3	6	3
	4	3	5	8	5	7
	—	—	—	—	—	—
3. Yongeza :	17	14	25	16	23	6
	8	24	6	17	42	12
	12	3	18	9	5	4
	4	15	32	6	4	25
	16	8	4	8	7	7
	—	—	—	—	—	—
4. Tabata :	59	65	53	42	64	52
	-26	-24	-28	-23	-24	-27
	—	—	—	—	—	—
	=	=	=	=	=	=

5. U James ubambise intlanzi ezili 18, u-Tom wabambisa 12, u Frank wabambisa i 15. Zingapi intlanzi ezibanjiswe ngala makwenkwe matatu ?

6. U Tom ndimpe iswitisi ezili 16, u James 13, u Frans 9. Ndiwape isingapi lamakwenkwe matatu ?

7. Kuko iminoti ema 24 enxoweni. Kungafuneka kongezwe isingapi ukwenza ama 30 ?

8. Umlimi unamahashe angama 60. Watengisa ama 28 kuwo. Unamahashe amangapi ke ngoku ?

9. U Tom ebetunywe ukuya kutabata amaqanda angama 36. Ute xa agodukayo wasapula isi 7. Mangapi angapukanga ?

10. Kuko usapo lwesikolo olungama 63, intombi apo kulo zingama 39. Mangapi amakwenkwe kweso sikolo.

### UMZEKELO 26.

*(Ulongezo no Tabato—Umxube.)*

1.  $63 + 25 - 38 =$

$75 + 22 - 50 =$

$73 - 26 - 29 =$

$65 - 39 - 26 =$

$74 - 9 + 6 =$

$80 - 8 + 4 =$

2.  $58 + 30 - 7 - 4 =$

$24 + 24 + 24 - 50 =$

$14 + 16 + 40 - 40 =$

$73 - 28 + 45 - 23 =$

$26 + 29 + 17 - 30 =$

$27 + 58 - 60 - 7 =$

3. Bala ngezine ukususela kwisi 4 use kuma 72.  
 Bala ngezihlanu ususele kwisi 5 use kuma 95.  
 Bala ngezixenxe ususele kwisi 7 use kuma 84.  
 Bala ngashumi linambini ususele kwi 12 use kuma 96.
4. Bala ngezitatu ususele kuma 90 use kwisi 6.  
 Bala ngezitandatu ususele kuma 98 use kwisi 2.  
 Bala ngeziboza ususele kuma 90 use kwisi 2.  
 Bala ngamashumi ususele kuma 90 use ku 0.

5. Dibanisa 17, 8, no 29.
6. Tabata 36 kwi 72.
7. Xela intlanganisela ye 16, 23, 8, ne 15.
8. Xela umahluko pakati kwama 72 na ma 36.
9. Xela inani elizeleyo lesi  $4 + 17 + 28 + 9$ .
10. Kuma 94 tabata 48.

### UMZEKELO 27.

1. Umfo unemiti ema 24 ye-apile, 18 eye-pulam, 15 eyama-pere, 9 ipesika ; mingapi lomiti iyonke ?

2. Inkwenkwe itengise inkuku ezima 24 ngomnye umhla, 18 ngolandelayo, ne 15 ngozayo. Itengise isingapi ngezontsuku ntatu ?

3. Intombi iqokelele amaqanda ama 24 ngom-Vulo, 16 ngolwesi-Bini, ne 15 ngolwesi-Tatu. Itengise 36. Isele nesignapi ?

4. Inkabi zobuhlanti obutle zili 18, 12 kobunye, 16 kobunye. Zingapi ezisafunekayo ukwenza ama 60 ?

5. Inkwenkwe inamabastile angama 48, yadla 12, yalahla 24. Isele nesignapi ke ?

6. Bangaba bangapi abantwana besikolo apo amakwenkwe angama 24, intombi ziwagqita ngesi 8.

7. Amakwenkwe amabini amelene ngeyadi ezima 84. Enye ikawulele enye ngeyadi ezima 36. Ngoku ke aqelelene kangakanani ?

8. Kungongezwa ntoni kwingqokelela ye 19, 6, 24, ne 7 ukuze kwenziwe ama 90 ?

9. U Malisa unemazi zenkomo ezima 60. Utengise 24. Wapinda watenga i 18. Unesignapi ke ngoku ?

10. Tabata ama 25 kwingqokelela ye 18, 42, nesi 9.



UMZEKELO 28.

(Ulwandiso no Lwahlulo.)

(I-Thebile ze 2 ne 10.)

1. Bhala ezi ndawo zilandelayo, uzalise ezo zizekevu :

$$2 = 2 \quad 1 \times 2 = \dots \quad 2 = \dots \times 2$$

$$\begin{array}{l} 2 \\ 2 \end{array} \Bigg| = 4 \quad 2 \times 2 = \dots \quad 4 = \dots \times 2$$

$$\begin{array}{l} 2 \\ 2 \end{array} \Bigg| 4 \Bigg| = 8 \quad 4 \times 2 = \dots \quad 8 = \dots \times 2$$

$$\begin{array}{l} 2 \\ 2 \\ 2 \\ 2 \end{array} \Bigg| 8 \Bigg| = 16 \quad 8 \times 2 = \dots \quad 16 = \dots \times 2$$

$$\begin{array}{l} 2 \\ 2 \\ 2 \\ 2 \end{array} \Bigg| 8 \Bigg| = 16 \quad 8 \times 2 = \dots \quad 16 = \dots \times 2$$

$$\begin{array}{l} 2 \\ 2 \\ 2 \end{array} \Bigg| 6 \Bigg| = 6 \quad 3 \times 2 = \dots \quad 6 = \dots \times 2$$

$$\begin{array}{l} 2 \\ 2 \\ 2 \end{array} \Bigg| 6 \Bigg| = 12 \quad 6 \times 2 = \dots \quad 12 = \dots \times 2$$

$$\begin{array}{l} 2 \\ 2 \\ 2 \end{array} \Bigg| 6 \Bigg| = 12 \quad 6 \times 2 = \dots \quad 12 = \dots \times 2$$

2
2
2
2
2
2
2

12

$=24$

$12 \times 2 = \dots$

$24 = \dots \times 2$

2
2
2
2
2
2
2

12

2
2
2
2
2
2

10

$5 \times 2 = \dots$

$10 = \dots \times 2$

2
2
2
2
2
2

10

$20$

$10 \times 2 = \dots$

$20 = \dots \times 2$

2
2
2
2
2
2

10

2
2
2
2
2
2

12

$12 + 2 = 14$

$7 \times 2 = \dots$

$14 = \dots \times 2$

2
2
2
2

2
2
2
2

2		2			
2		2			
2		2			
2		2			
2		2			
	20		$20 - 2 = 18$	$9 \times 2 = \dots$	$18 = \dots \times 2$
2		2			
2		2			
2		2			
2		2			
2		2			

		2			
2		2			
2		2			
2		2			
2		2			
2		2			
	20		$20 + 2 = 22$	$11 \times 2 = \dots$	$22 = \dots \times 2$
2		2			
2		2			
2		2			
2		2			
2		2			

2.  $12 \times 2 =$   
 $8 \times 2 =$   
 $9 \times 2 =$   
 $11 \times 2 =$   
 $6 \times 2 =$   
 $5 \times 2 =$   
 $10 \times 2 =$   
 $7 \times 2 =$   
 $3 \times 2 =$   
 $4 \times 2 =$

3.  $24 \div 2 =$   
 $18 \div 2 =$   
 $14 \div 2 =$   
 $20 \div 2 =$   
 $16 \div 2 =$   
 $12 \div 2 =$   
 $22 \div 2 =$   
 $8 \div 2 =$   
 $10 \div 2 =$   
 $6 \div 2 =$

4. Zingapina izihlangu zomati abasi 8? zomati aba 6? zomati abali 12? zomati aba 4? zomati aba 2? zomati

abali 10? zomati aba 3? zomati abali 11? zomati  
aba 5? zomati abi 9? zomati abasi 7?

5. Kwakuko imirozo esi 9 yamakwenkwe, ema 2  
kumrozo ngamnye. Ayemangapi lo makwenkwe ewonke?

6. Zingapina ivili zekari ezi 5, nezezinye ikari ezi 6,  
kudibene?

7. Mingapina iminwe yabantwana abasi 9 beyidi-  
banisile?

8. Incwadi ezisi 8 zingadla isingapina itengwa inye  
ngesheleni zo 2?

9. Umlimi uzuze ntonina ngenxowa ezili 10 zombona,  
inye ibiza i 10 lesheleni?

10. I 10 lipindwa kangapina kwi 100? 80? 60?  
70? 30? 40? 90? 20? 50?

11. Isi 2 sipindwa kangapina kwi 16? 24? 8? 22?  
14? 6? 20? 12? 4? 18? 10?

12. Mangapina amakwenkwe azandla zili 18 zidibene?

13. Izihlangu ezili 18 ungenza ngazo omati abangapi?

14. I 10 lipindwa kangapina kwi 100?

15. Zingapina idesika ezifunekayo kubantwana abama  
22 ukuba abantwana aba 2 bayakuhlala kwidesika enye?

### UMZEKELO 29.

(I-Thebile yesi 5.)

1. Bhala ezindawo zilandelayo uzalise izizekevu :

$$5 \quad =5 \quad 1 \times 5 = \dots \quad 5 = \dots \times 5$$

$$\begin{array}{l} 5 \\ 5 \end{array} \left| \quad =10 \quad 2 \times 5 = \dots \quad 10 = \dots \times 5$$

$$\begin{array}{l} 5 \\ 5 \end{array} \left| \begin{array}{l} 10 \\ \hline \end{array} \right| =20 \quad 4 \times 5 = \dots \quad 20 = \dots \times 5$$

$$\begin{array}{l} 5 \\ 5 \end{array} \left| \begin{array}{l} 10 \\ \hline \end{array} \right|$$

5  
5  
5  
5  
5  
20

=40

$8 \times 5 = \dots$

$40 = \dots \times 5$

5  
5  
5  
5  
5  
20

5  
5  
5

15

$3 \times 5 = \dots$

$15 = \dots \times 5$

5  
5  
5  
15  
5  
5  
5  
15

=30

$6 \times 5 = \dots$

$30 = \dots \times 5$

5  
5  
5  
5  
5  
5  
30  
5  
5  
5  
5  
5  
30

=60

$12 \times 5 = \dots$

$60 = \dots \times 5$

5			
5			
5	25	$5 \times 5 = \dots$	$25 = \dots \times 5$
5			
5			

5			
5	25		
5		$= 50$	$10 \times 5 = \dots$
5			$50 = \dots \times 5$
5			

5			
5			
5	25		
5			
5			

5		5		
5		5		
5	30	5	$30 + 5 = 35$	$7 \times 5 = \dots$
5		5		$35 = \dots \times 5$
5		5		
5		5		

5		5		
5		5		
5		5		
5		5		
5	50	5	$50 - 5 = 45$	$9 \times 5 = \dots$
5		5		$45 = \dots \times 5$
5		5		
5		5		
5		5		

5	5	$50 + 5 = 55$ $11 \times 5 = \dots$ $55 = \dots \times 5$
5	5	
5	5	
5	5	
5	5	
5	5	

5	5
5	5
5	5
5	5
5	5

- |   |  |
|---|--|
| <p>2. <math>12 \times 5 =</math><br/> <math>8 \times 5 =</math><br/> <math>9 \times 5 =</math><br/> <math>11 \times 5 =</math><br/> <math>6 \times 5 =</math><br/> <math>5 \times 5 =</math><br/> <math>10 \times 5 =</math><br/> <math>7 \times 5 =</math><br/> <math>3 \times 5 =</math><br/> <math>4 \times 5 =</math></p> | <p>3. <math>60 \div 5 =</math><br/> <math>45 \div 5 =</math><br/> <math>35 \div 5 =</math><br/> <math>50 \div 5 =</math><br/> <math>40 \div 5 =</math><br/> <math>30 \div 5 =</math><br/> <math>55 \div 5 =</math><br/> <math>20 \div 5 =</math><br/> <math>25 \div 5 =</math><br/> <math>15 \div 5 =</math></p> |
|---|--|

4. Zizingapina ezi  $7 \times 5$ ?  $11 \times 5$ ?  $12 \times 5$ ?  $3 \times 5$ ?  
 $6 \times 5$ ?  $10 \times 5$ ?  $9 \times 5$ ?  $8 \times 5$ ?  $4 \times 5$ ?  $2 \times 5$ ?  $5 \times 5$ ?

5. Ungayenza ibe mingapina imirozo yesheleni nga 5 kuma 60 esheleni? 15? 50? 25? 40? 35? 30? 45? 20? 55? 10?

6. Zipindwa kangapina izi 5 ukuze zenze ama 60? 10? 55? 15? 50? 20? 25? 45? 40? 30? 35?

7. Ukuba ixabiso lenkabi yenkomo lizi £5, kungahlawulwa isingapi ke ngenkabi ezisi 8?

8. Zingapi intsuku zesikolo kwiveki ezi 6?

9. Zingapi incwadi ongazitenga ngesheleni ezi 5 inye ukuba unesheleni ezima 40 ?

10. Zingapi ikari ezingati zifuneka kubantu abama 45, ukuba ikari nganye itwala isi 5 ?

### UMZEKELO 30.

(Inxalenye ye *Thc bilc ze 9 ne 11.*)

1. Bhala ezi zinto, uzalise ezo zizekevu :

$$\begin{array}{ccccccccccc} \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \emptyset \\ 10-1=9 & & 1 \times 9 = \dots & & 9 = \dots \times 9 \end{array}$$

$$\begin{array}{ccccccccccc} \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \emptyset \\ \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \emptyset \\ 20-2 = \dots & & 2 \times 9 = \dots & & 18 = \dots \times 9 \end{array}$$

$$\begin{array}{ccccccccccc} \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \emptyset \\ \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \emptyset \\ \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \emptyset \\ 30-3 = \dots & & 3 \times 9 = \dots & & 27 = \dots \times 9 \end{array}$$

$$\begin{array}{ccccccccccc} \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \emptyset \\ \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \emptyset \\ \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \emptyset \\ \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ & \emptyset \\ 40-4 = \dots & & 4 \times 9 = \dots & & 36 = \dots \times 9 \\ 50-5 = \dots & & 5 \times 9 = \dots & & 45 = \dots \times 9 \\ 60-6 = \dots & & 6 \times 9 = \dots & & 54 = \dots \times 9 \end{array}$$

2. Bhala ezi zinto, uze uzalise ezo zizekevu :

$$\begin{array}{ccccccccccc} \times & \times & \times & \times & \times & \times & \times & \times & \times & \times & \times \\ 10+1=11 & & 1 \times 11 = \dots & & 11 = \dots \times 11 \end{array}$$

$$\begin{array}{ccccccccccc} \times & \times & \times & \times & \times & \times & \times & \times & \times & \times & \times \\ \times & \times & \times & \times & \times & \times & \times & \times & \times & \times & \times \\ 20+2 = \dots & & 2 \times 11 = \dots & & 22 = \dots \times 11 \end{array}$$



$\times \times \times \times \times \times \times \times \times \times$   
 $\times \times \times \times \times \times \times \times \times \times$   
 $\times \times \times \times \times \times \times \times \times \times$

$30 + 3 = \dots$                        $3 \times 11 = \dots$                        $33 = \dots \times 11$

$\times \times \times \times \times \times \times \times \times \times$   
 $\times \times \times \times \times \times \times \times \times \times$   
 $\times \times \times \times \times \times \times \times \times \times$   
 $\times \times \times \times \times \times \times \times \times \times$

$40 + 4 = \dots$                        $4 \times 11 = \dots$                        $44 = \dots \times 11$

$50 + 5 = \dots$                        $5 \times 11 = \dots$                        $55 = \dots \times 11$

$60 + 6 = \dots$                        $6 \times 11 = \dots$                        $66 = \dots \times 11$

3.  $1 \times 9 = 10 -$

$2 \times 9 = 20 -$

$3 \times 9 = 30 -$

$5 \times 9 = 50 -$

4.  $1 \times 11 = 10 +$

$2 \times 11 = 20 +$

$4 \times 11 = 40 +$

$5 \times 11 = 50 +$

5. Zizingapina ezi  $2 \times 11$  ?  $4 \times 11$  ?  $6 \times 9$  ?  $3 \times 11$  ?  
 $5 \times 9$  ?

6. Zingapina imfumba zencwadi ezi 6 kwimfumba enye, ongati uzenze kwincwadi ezima 60 ? 72 ? 30 ? 66 ?  
 54 ? 18 ?

7. I-11 lipindwa kangapina kulamanani 66 ? 22 ?  
 44 ? 33 ? 55 ?

8. Zizingapina ezi zidityanisiwe  $11 \times 4$  ne  $11 \times 5$  ?

9. Zingaba zidla isingapina ibulukwe ezili 10, ukuba ixabiso le bulukwe enye lizisheleni zo 5 ?

10. Zingapina izitulo ze 11 lesheleni sisinye ezingati zitengwe ngesheleni ezima 66 ?

## UMZEKELO 31.

*(Inguqulo ye faktazi ne Thebile yesi 3.)*

1.  $8 \times 2 = 2 \times 8 =$

$6 \times 2 =$

$4 \times 2 =$

$9 \times 2 =$

$12 \times 2 =$

$10 \times 2 =$

2.  $2 \times 10 = 10 \times 2 =$

$4 \times 10 =$

$5 \times 10 =$

$3 \times 10 =$

$6 \times 10 =$

$1 \times 10 =$

3.  $4 \times 9 = 9 \times 4 =$

$5 \times 9 =$

$7 \times 9 =$

$3 \times 9 =$

$6 \times 9 =$

4.  $3 \times 11 = 11 \times 3 =$

$5 \times 11 =$

$2 \times 11 =$

$4 \times 11 =$

$6 \times 11 =$

5.  $5 \times 3 =$

$7 \times 3 =$

$2 \times 3 =$

$9 \times 3 =$

$12 \times 3 =$

$4 \times 3 =$

$11 \times 3 =$

$3 \times 3 =$

$6 \times 3 =$

$8 \times 3 =$

6.  $36 \div 3 =$

$24 \div 3 =$

$15 \div 3 =$

$9 \div 3 =$

$12 \div 3 =$

$18 \div 3 =$

$21 \div 3 =$

$27 \div 3 =$

$30 \div 3 =$

$33 \div 3 =$

7.  $25 \div 5 =$

$45 \div 5 =$

$60 \div 5 =$

$40 \div 5 =$

$35 \div 5 =$

$55 \div 5 =$

8.  $11 \div 11 =$

$66 \div 11 =$

$22 \div 11 =$

$44 \div 11 =$

$33 \div 11 =$

$55 \div 11 =$

9. Zingapina ipeni kwitiki ezi 4? Kwitiki ezisi 8?  
Kwitiki ezili 12? Kwitiki ezi 5?

10. Zizingapina ezi  $10 \times 3$ ?  $5 \times 3$ ?  $8 \times 3$ ?  $12 \times 3$ ?  
 $4 \times 3$ ?  $6 \times 3$ ?  $3 \times 3$ ?  $7 \times 3$ ?  $9 \times 3$ ?  $11 \times 3$ ?

## UMZEKELO 32.

(I-Thebile ze 4 ne 6.)

- |    |                 |       |                           |
|----|-----------------|-------|---------------------------|
| 1. | $9 \times 4 =$  | 2.    | $6 \times 6 =$            |
|    | $12 \times 4 =$ |       | $3 \times 6 =$            |
|    | $6 \times 4 =$  |       | $9 \times 6 =$            |
|    | $3 \times 4 =$  |       | $12 \times 6 =$           |
|    | $2 \times 4 =$  |       | $5 \times 6 =$            |
|    | $5 \times 4 =$  |       | $8 \times 6 =$            |
|    | $8 \times 4 =$  |       | $11 \times 6 =$           |
|    | $11 \times 4 =$ |       | $4 \times 6 =$            |
|    | $4 \times 4 =$  |       | $7 \times 6 =$            |
|    | $7 \times 4 =$  |       | $10 \times 6 =$           |
| 3. | $12 \div 3 =$   | 4.    | $66 \div 6 =$             |
|    | $18 \div 3 =$   |       | $54 \div 6 =$             |
|    | $24 \div 3 =$   |       | $42 \div 6 =$             |
|    | $30 \div 3 =$   |       | $30 \div 6 =$             |
|    | $36 \div 3 =$   |       | $18 \div 6 =$             |
|    | $9 \div 3 =$    |       | $60 \div 6 =$             |
|    | $15 \div 3 =$   |       | $48 \div 6 =$             |
|    | $21 \div 3 =$   |       | $36 \div 6 =$             |
|    | $27 \div 3 =$   |       | $24 \div 6 =$             |
|    | $6 \div 3 =$    |       | $12 \div 6 =$             |
| 5. | ○ ○ ○           | ○ ○ ○ | $1 \times 6 = 2 \times 3$ |
|    | ○ ○ ○           | ○ ○ ○ | $2 \times 6 =$            |
|    | ○ ○ ○           | ○ ○ ○ | $3 \times 6 =$            |
|    | ○ ○ ○           | ○ ○ ○ | $4 \times 6 =$            |
|    | ○ ○ ○           | ○ ○ ○ | $5 \times 6 =$            |
|    | ○ ○ ○           | ○ ○ ○ | $6 \times 6 =$            |

$$\begin{array}{r}
 6. \quad \times \times \quad \times \times \quad \times \times \quad 1 \times 6 = 3 \times 2 \\
 \quad \times \times \quad \times \times \quad \times \times \quad 2 \times 6 = \\
 \quad \times \times \quad \times \times \quad \times \times \quad 3 \times 6 = \\
 \quad \times \times \quad \times \times \quad \times \times \quad 4 \times 6 =
 \end{array}$$

7. Zizingapina ezi  $3 \times 4$ ?  $7 \times 4$ ?  $12 \times 4$ ?  $8 \times 4$ ?  
 $5 \times 4$ ?  $11 \times 4$ ?  $6 \times 4$ ?  $10 \times 4$ ?  $4 \times 4$ ?  $9 \times 4$ ?

8. Mingapina imirozo yezi 3 ongayenzayo kwimirozo emi 2 yezi 9?

9. Mingapina imilenze yenkabi ezi 4 nemazi ezintatu idibene?

10. Ukuba ndifuna ukupa abantwana abali 12 ipensile ezi 3 emnye, kungafuneka ndinpensile ezingapi?

11. Inqwelo ezili 12 zinamavili amangapi edibene?

12. Zingapina ezo gusha zinemilenze elingana neyenkuku ezi 6 inani?

13. Bangapi abantwana abanokufumana emnye i-pulam ezi 3 kwi-pulam ezima 36?

14. Iyadi ezisi 8 zontya zingabiza mali nina xa iyadi enye ibiza ipeni ezi 4?

15. Ndingabela amakwenkwe amangapina ipesika ezi 6 inye, kwipesika ezima 72?

### UMZEKELO 33.

(Inxalenye ye *Thebile ze 7 nesi 8.*)

$$\begin{array}{ll}
 1. \quad 5 \times 7 = & 2. \quad 4 \times 8 = \\
 \quad 4 \times 7 = & \quad 2 \times 8 = \\
 \quad 3 \times 7 = & \quad 6 \times 8 = \\
 \quad 6 \times 7 = & \quad 3 \times 8 = \\
 \quad 2 \times 7 = & \quad 5 \times 8 =
 \end{array}$$

$$3. \begin{aligned} 35 \div 7 &= \\ 14 \div 7 &= \\ 28 \div 7 &= \\ 42 \div 7 &= \\ 21 \div 7 &= \end{aligned}$$

$$4. \begin{aligned} 48 \div 8 &= \\ 24 \div 8 &= \\ 40 \div 8 &= \\ 24 \div 8 &= \\ 16 \div 8 &= \end{aligned}$$

$$5. \begin{aligned} 1 \times 8 &= 2 \times 4 \\ 2 \times 8 &= \dots \times 4 \\ 3 \times 8 &= \dots \times 4 \\ 4 \times 8 &= \dots \times 4 \\ 5 \times 8 &= \dots \times 4 \\ 6 \times 8 &= \dots \times 4 \end{aligned}$$

$$6. \begin{aligned} 1 \times 8 &= \dots \times 2 \\ 2 \times 8 &= \dots \times 2 \\ 3 \times 8 &= \dots \times 2 \\ 2 \times 7 &= \dots \times 2 \\ 2 \times 6 &= \dots \times 2 \\ 2 \times 8 &= \dots \times 2 \end{aligned}$$

7. Zingapina intsuku kwiveki ezi 3? Kwiveki ezi 5? Kwiveki ezi 2? Kwiveki ezi 4? Kwiveki ezi 6?

8. Zikwiveki ezingapina intsuku zomsebenzi ezima 36?

9. Incwadi ka Mary inamapepa angama 42. Ufunde amapepa ama 6 yonke imihla. Uyigqibe ngentsuku ezingapi ke incwadi leyo?

10. Amakwenkwe alishumi elinambini anamabastile ama 6 inye. Mangapi amabastile anawo edibene?

11. Umfo ukwele ehasheni iyure ezisi 8 ngemini intsuku zade za 3. Makube ukwele iyure ezingapi zizonke?

12. Mangapi amakwenkwe angati azuze amapere ama 6 inye kuma 72?

13. Incwadi ezi 5 zingadla isheleni ezingapina, xa inye idla isheleni zosi 8?

14. Zizingapina ezi,  $6 \times 7$ ?  $12 \times 6$ ?  $4 \times 7$ ?  $8 \times 6$ ?  $3 \times 7$ ?  $11 \times 5$ ?  $9 \times 4$ ?  $5 \times 7$ ?

15. U-6  $\times$  8 udlula kangakananina ku 5  $\times$  8?

## UMZEKELO 34.

(Inxalenye ye Thebile ye 12, noku-Kubula.)

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. $5 \times 12 =$                | 2. $48 \div 12 =$        |
| $3 \times 12 =$                   | $60 \div 12 =$           |
| $4 \times 12 =$                   | $36 \div 12 =$           |
| $1 \times 12 =$                   | $12 \div 12 =$           |
| $6 \times 12 =$                   | $24 \div 12 =$           |
| $2 \times 12 =$                   | $72 \div 12 =$           |
| 3. $1 \times 12 = \dots \times 2$ | 4. $12 = \dots \times 2$ |
| $2 \times 12 = \dots \times 2$    | $12 = \dots \times 3$    |
| $1 \times 12 = \dots \times 3$    | $12 = \dots \times 4$    |
| $2 \times 12 = \dots \times 3$    | $12 = \dots \times 6$    |
| $3 \times 12 = \dots \times 3$    | $18 = \dots \times 2$    |
| $1 \times 12 = \dots \times 4$    | $18 = \dots \times 3$    |
| $2 \times 12 = \dots \times 4$    | $18 = \dots \times 6$    |
| $3 \times 12 = \dots \times 4$    | $24 = \dots \times 2$    |
| $4 \times 12 = \dots \times 4$    | $24 = \dots \times 3$    |
| $1 \times 12 = \dots \times 6$    | $24 = \dots \times 4$    |
| $2 \times 12 = \dots \times 6$    | $24 = \dots \times 6$    |
| $3 \times 12 = \dots \times 6$    | $24 = \dots \times 8$    |
| $4 \times 12 = \dots \times 6$    | $24 = \dots \times 12$   |
| $5 \times 12 = \dots \times 6$    | $36 = \dots \times 6$    |
| $6 \times 12 = \dots \times 6$    | $36 = \dots \times 12$   |

5. Zingapi isheleni ezilingana nepeni ezima 48 ?

6. Umfo usebenzela ama £60 ngonyaka ; usebenzela isingapi ke ngenyanga ?

7. Ukuba abantwana abali 12 babhala imigca ema 72 bebonke, makube emnye ubhale imigca emingapi ke ?

8. Abantwana abasitoba bahlulelene ngama-apile angama 36. Makube umntwana omnye uya kufumana isingapi na ?

9. Izihlangu ezingomati abane zidla isheleni ezima  
 44. Makube umati omnye udla isingapina ?  
 10. U-Charles nabaninawa bake aba 3 babelene  
 ngeminoti ema 48. Emnye uzuze isingapi ke ?

## UMZEKELO 35.

(U Lwandiso no Lwahlulo, kwakona.)

- |                    |                    |
|--------------------|--------------------|
| 1. $20 \times 2 =$ | 2. $4 \times 20 =$ |
| $30 \times 2 =$    | $2 \times 30 =$    |
| $40 \times 2 =$    | $2 \times 50 =$    |
| $50 \times 2 =$    | $3 \times 20 =$    |
| $30 \times 3 =$    | $2 \times 20 =$    |
| $20 \times 3 =$    | $2 \times 40 =$    |
| $20 \times 4 =$    | $3 \times 30 =$    |

Umqondiso :  $16 \times 4 = 24 + 40 = 64$ . Amanyatelo omsebenzi : 24, 40, 64.

Umqondiso :  $13 \times 5 = (\text{ngentloko } 15, 50, 65) = 65$ .

- |                    |                    |
|--------------------|--------------------|
| 3. $24 \times 2 =$ | 4. $35 \times 2 =$ |
| $14 \times 6 =$    | $18 \times 3 =$    |
| $25 \times 3 =$    | $18 \times 5 =$    |
| $12 \times 8 =$    | $23 \times 4 =$    |
| $36 \times 2 =$    | $27 \times 3 =$    |
| $13 \times 6 =$    | $16 \times 6 =$    |
| $32 \times 3 =$    | $19 \times 3 =$    |
| $17 \times 4 =$    | $29 \times 2 =$    |
| 5. $80 \div 4 =$   | $60 \div 3 =$      |
| $80 \div 2 =$      | $60 \div 2 =$      |
| $100 \div 2 =$     | $40 \div 2 =$      |
| $100 \div 5 =$     | $20 \div 2 =$      |

$$\begin{array}{ll}
 6. \quad 80 \div 10 = & 60 \div 20 = \\
 \quad \quad 80 \div 20 = & 70 \div 10 = \\
 \quad \quad 80 \div 40 = & 100 \div 20 = \\
 \quad \quad 90 \div 30 = & 100 \div 50 =
 \end{array}$$

7. Kuko imiti ema 40 erozileyo. Mingapi kwimirozo emi 2 ?

8. Ukuba ixabiso lehempe lizisheleni ezi 4, kungahlawulwa isingapi ngehemphe ezima 20 ?

9. Ixabiso lencwadi etile lizisheleni zo 3. Ezo ncwadi zidla malini xa zima 30 ?

10. Ukuba inkwenkwe isebenzela isheleni ezi 2 ngemini, ingasebenzela isingapi ke ngentsuku ezima 40 zomsebenzi ?

#### UMZEKELO 36.

1. Yandisa :

$$\begin{array}{cccccc}
 26 & 35 & 18 & 25 & 36 & 19 \\
 3 & 2 & 5 & 4 & 2 & 4 \\
 \hline & \hline & \hline & \hline & \hline & \hline
 \end{array}$$

2. *Umqondiso* :  $72 \div 3 = 20 + 4 = 24$ . Amanyatelo omsebenzi : 20, 12, 4, 24.

*Umqondiso* :  $68 \div 4 = (\text{ngentloko } 10, 28, 7, 17) = 17$ .

Yahlula :

$$3)75( \quad 4)72( \quad 5)75( \quad 4)84( \quad 6)72( \quad 8)96($$

3. Zidla ntonina igusha ezi 3 xa inye idla ama 22 esheleni ?

4. Umfo usebenzela i-16 lesheleni ngeveki. Makube usebenzela isingapi ngeveki ezi 6 ?

5. Izihlangu zidla isheleni ezili 16 zingumati omnye. Zidla malini xa zingomati aba 3 ?

6. U Charles unama bastile ali 14, u Jacob ewapinde ka 4. Mangapi amabastile abo bewadibanisile ?



7. Zingapina incwadi, inye izi sheleni zo 3, angati ubani azitenge ngesheleni ezima 36 ?

8. Imiti emashumi osibozo ityelwe yayimirozo emibini. Iyakuba mingapi ke kumrozo ngamnye ?

9. Bangapi abantwana abangati emnye azuze isheleni ezi 3 kwisheleni ezima 96 ?

10. Angadla malini amaqanda angama 72 ukuba isi 6 sidla i sheleni 1 ?

### UMZEKELO 37.

*(Ulwandiso no Lwahlulo—Ingqondisiso.)*

1. Zingapina inyawo kwiyadi ezima 32 ? (iyadi enye izinyawo ezi 3).

2. Iponti ezili 18 zobunzima ze-ti zidla isheleni ezingapina ukuba iponti enye yobunzima inexabiso lesheleni zo 2 ?

3. Zingapina intsuku kwiveki ezili 13, ngapandle kwemihla ye Cawa ?

4. Zingapina impondo zenkabi ezima 36 zidibene ?

5. Umlimi utengise inxowa zo 2 zenqolowa nge 16 lesheleni inye, nenxowa ezi 3 zombona nge 18 lesheleni inye ; makabe uzuze isingapi ?

6. Abantwana aba 6 bahlulelene ngeminoti ema 84. Emnye uzuze isingapi ?

7. Umgcini wesitiya utyala imiti ema 84 kwimirozo elinganayo emi 4. Yoba mingapi ke kumrozo ngamnye ?

8. Zingapi iveki kwintsuku ezima 84 ?

9. Umfo otila uhlawule ama £72 ngenkabi ezi 6. Liyintonina ke ixabiso lenkabi enye, ukuba zonke zidla ixabiso elilinganayo ?

10. Bangapi abantwana abangati emnye azuze amapile ama 4 kwibokisi enama-apile angama 64 ?

## UMZEKELO 38.

(*Amanani namagama awo ukuya kuti ga kwi 1,000.*)

- |                           |                        |
|---------------------------|------------------------|
| 1. 465=4 k. +6 s. +5 nga. | 568=5 k. +6 s. +8 nga. |
| 786=                      | 421=                   |
| 294=                      | 707=                   |
| 319=                      | 168=                   |
| 625=                      | 834=                   |
| 493=                      | 914=                   |
| 2. 3 k. 2 s. 8 nga.=328   | 1 k. 2 s. 3 nga.=123   |
| 4 k. 6 s. 3 nga.=         | 2 k. 8 s. 9 nga.=      |
| 8 k. 3 s. 2 nga.=         | 5 k. 7 s. 4 nga.=      |
| 7 k. 1 s. 4 nga.=         | 4 k. 6 s. 5 nga.=      |
| 6 k. 3 s. 8 nga.=         | 9 k. 3 s. 2 nga.=      |
| 9 k. 4 s. 5 nga.=         | 7 k. 1 s. 1 nga.=      |
| 3. 30 s.=3 k.             | 2 k.=20 s.             |
| 50 s.=                    | 4 k.=                  |
| 40 s.=                    | 9 k.=                  |
| 80 s.=                    | 3 k.=                  |
| 20 s.=                    | 7 k.=                  |
| 90 s.=                    | 5 k.=                  |
| 4. 5 s.=50 nga.           | 40 nga.=4 s.           |
| 9 s.=                     | 120 nga.=              |
| 12 s.=                    | 180 nga.=              |
| 16 s.=                    | 70 nga.=               |
| 24 s.=                    | 220 nga.=              |
| 13 s.=                    | 360 nga.=              |
| 5. 684=600+80+4           | 536=500+30+6           |
| 736=                      | 389=                   |
| 482=                      | 862=                   |
| 962=                      | 139=                   |
| 118=                      | 463=                   |
| 263=                      | 514=                   |

- |                         |                      |
|-------------------------|----------------------|
| 6. $400 + 70 + 5 = 475$ | $700 + 20 + 6 = 726$ |
| $200 + 30 + 7 =$        | $800 + 80 + 8 =$     |
| $500 + 40 + 6 =$        | $900 + 30 + 4 =$     |
| $300 + 30 + 3 =$        | $400 + 20 + 3 =$     |
| $100 + 90 + 1 =$        | $700 + 10 + 8 =$     |
| $600 + 40 + 7 =$        | $200 + 90 + 9 =$     |
- 
- |  |                      |
|--|----------------------|
| 7. $700 = 100 \times 7 = 10 \times 70$ | $180 = 10 \times 18$ |
| $300 =$                                | $240 =$              |
| $800 =$                                | $390 =$              |
| $500 =$                                | $150 =$              |
| $200 =$                                | $480 =$              |
| $400 =$                                | $320 =$              |

8. Kawubhale amanani asusela kuma 200 ase kuma 500, wongezelele nge 10 ukuqakata.

9. Bhala amanani asusela kuma 900 ase kuma 700 utabate i-10 ukuqakata.

10. Bhala ngamazwi : 707, 892, 348, 210, 307, 648.

11. Bhala ngamanani :

Amakulu amatatu anamashumi amatandatu anesine ;

Amakulu asibozo anamashumi amane anantlanu ;

Amakulu amabini anantatu ;

Amakulu amatatu anamashumi amatatu ;

Amakulu asitoba anamashumi asitoba ;

Amakulu amahlanu anamashumi amahlanu anantlanu.

12. Beka ngamazwi : 720, 808, 303, 330, 333, 313.

13. Beka ngamanani :

Amakulu amane anamashumi amane anesitandatu ;

Amakulu amabini anamashumi amabini ;

Amakulu amabini anambini ;

Amakulu amabini anamashumi amabini amabini ;

Amakulu amatandatu aneshumi linantandatu ;

Amakulu amatandatu anamashumi amatan-  
datu.

14. Kawubhale lamanani angasezantsi apa uwahlise, uwadwelise ngokobukulu bawo, uqale ngelona liwadlula onke :

318, 831, 138, 813, 381, 183.

15. Kawubhale amanani ongawabhalayo, abe nalamani : 1, 0, nesi 8, uze ke uwabeke nangamazwi.

#### UMZEKELO 39.

(Imalana.)

1. U Mary utenga umtya ngesikisipeni. Ubepiwe isheleni ngumama. Uza kubuyelwa sisingapi ?

2. Ungati ukuba uhlawulele izileyiti ezitatu ngesikisipeni sisinye, wabeka isheleni za 2, ungabuyelwa sisingapi ?

3. Incwadi ezi 6 zidla malini, ukuba inye ibiza ipeni zone ? Kwaye kunokuhlawulwa isingapi ngencwadi ezisi 9 ?

4. Zingapi isikisipeni ongazizuzayo kwi florin (ijalimani) enye ?

5. Ukuba ndiza kuhlaula indaliso (isheleni enesikisipeni), ndize ke umgcini-venkile ndimnike ijalimani (isheleni ezimbini ezidibeneyo), ndinokuzuza itshintshi yesingapi ?

6. Ukuba nditenga incwadi ngepeni zo 8, nesileyiti sepeni zo 6 ndinokubuyiselwa malini (tshintshi) kwijalimani (florin) ?

7. U Johanna utenga incwadi ngesheleni enye (1) nezileyiti ezi 2 ngesikisipeni sisinye. Uyakuhlaula isingapi ?

8. Ungazuza isikisipeni ezingapina ngehafugolweni ?

9. U John unejalimani, u Peter unehafugolweni. Unamalini u Peter ngapezulu ko John ?

10. U-Isabel utenga iponti zo 2 zobunzima zekofu ngesheleni iponti. Uyakubuyelwa sisingapi (itshintshi) kwihafugolweni ?

11. U James ufanelwe kukuhlawula isheleni zo 2. Angabeka zimalana zini ?

12. Yiyipi imali engapezu kwenye, isikisipeni ezi 4 nejalimani enye ?

13. Zingapina iponti zeswekile angazitengayo umntu ukuba iponti 1 idla isikisipeni ?

14. U Mary ucite isikisipeni zo 3 ehafugolwenini. Usalelwe yintoni ?

15. Ungatini ukuhlawula isheleni zombini ezine sikisipeni ngemalana ezi 2 ? Kwakona ngemalana ezi 4 ?

#### UMZEKELO 40.

1. U Mary utenge iponti ezi 6 zekofu nge 10 lepeni iponti inye. Esipajini wayenamajalimani nesheleni. Ubefanelwe kukukupha isingapi kuhlotyana ngalunye lwezimalana ?

2. U Anna utenge iponti ezi 6 zeswekile ngesikisipeni iponti. Unokuzuza ntoni itshintshi kwihafugolweni ezi 2 ?

3. U John ufanelwe kukuhlawula isheleni zo 4 ezinepeni zo 3. Ute ukuhlawula wabeka ihafugolweni nejalimani. Uzuze isingapi itshintshi ?

4. Ungazuza isheleni ezingapi kwisikisipeni ezili 10 ?

5. Zingapina itiki ongati uzifune ukuze ube nesheleni zo 6 xa ubuse unazo kade ihafugolweni ezi 2 ?

6. Ungatini ukuzihlawula kwako isheleni ezi 5 ngemalana ezi 4 ?

7. Zingapi isheleni ezilingana namajalimani (florins) ama 3 ?

8. Zingapi ipeni ezilingana nehafugolweni ?

9. Ungatini ukuzihlawula kwako isheleni ezisi 7 ngenani elilinganayo lehafugolweni nesheleni ?

10. U Anna utenge ikofu yesheleni zo 5. Esipajini sake wayenehafugolweni, ijalimani, nesikisipeni zo 3. Yiyipi kwezimalana eyona aza kuyinika umgcini-venkile ?

11. Yimalini le idibene, ihafugolweni ezi 2, isheleni enye, nesikisipeni ezi 2 ?

12. U Mina wamkele itshintshi yesheleni 1 kwi hafugolweni ezi 3. Uhlawule isingapi ?

13. U Margaret unejalimani 1 nesikisipeni ezi 6. Lomali incinci kangakanani ezishelenini ezisi 8 ?

14. Unokutini umntu ukuhlawula i 10 lesheleni ngemalana enye ? Ngemalana ezi 4 ezilinganayo ngexabiso ? Ngemalana ezi 5 ezilinganayo ngexabiso ?

15. Angatini umntu ukuhlawula i £1 ngemalana enye ? Ngemalana ezi 2 ezixabiso lilinganayo ? Ngemalana ezisi 8 ezixabiso lilinganayo ?

#### UMZEKELO 41.

(Uvavanyo.)

##### A.

1. Yongeza 42, 17, 8, 16, ne 9.
2. Tabata 35 kuma 84.
3. Yandisa 24 nge 3.
4. Yahlula 78 nge 3.
5. Umfazi usalelwe ngamaqanda ali 18 emva kokutengisa 36 nokwapula 4 ; wayenesingapi kuqala ?

## B.

1. Bhala ngamazwi : 707, 770, 717, 771.
2. Xela inani elizeleyo lama 22, 18, 15, 24, na 21.
3. Xela umahluko pakati kwama 36 nama 91.
4. Yandisa 18 nge 5.
5. Umfo wayenesheleni ezima 63. Wazigcina ezi 3 zati ezinye wazabela abantwana aba 4. Umntana emnye uzuze isheleni ezingapi ?

## C.

1. Bhala ngamanani : Amakulu amabini aneshumi elinambini.
2. Yahlula 96 nge 4.
3. Yandisa 32 nge 3.
4. Xela inani elizeleyo le 18, 24, 6, 9, ne 15.
5. Ukuba ndipe abantwana aba 9 iswitisi ezi 6 emnye, ndasalelwa li 12, ndingaba ndandinesingapi kuqala ?

## D.

1. Yahlula 95 nge 5.
2. Tabata 25 kuma 81.
3. Bhala ngamanani : Amakulu asitoba anesitoba.
4. Dibanisa : ishumi linantlanu, amashumi amahlanu, amashumi amabini anambini nesitoba.
5. Kwakuko igusha ezima 84 ebuhlanti ; ama 20 apuma, zangena ezinye ezili 12 ; zingapi ke ngoku ezise buhlanti ?

## E.

1. Tabata amashumi amane anesihlanu kumashumi asitoba.
2. Inxowa ezisi 7 zombona zingahlawulelwa isingapina, inye izisheleni ezili 12 ?

3. Siyintonina isiqingata sesine somahluko pakati kwama 72 nama 24 ?

4. Umlimi utenge ikari nge £48 watenga ihashe ngesiqingata salomali. Udleke isingapi yikari leyo nehashe ?

5. Kungasala ama-apile amangapi kuma 60 emva kokupa amakwenkwe ama 4 ama-apile asi 8 inye ?

## F.

1. Kufanelwe ukutatwa isingapina kuma 96 ukuze kusale ama 48 ?

2. Yahlula amashumi asibozo anane ngesitandatu.

3. Yandisa ishumi linesitandatu ngesi 5.

4. Umfo unenkabi ezima 24 ; omnye une 16 ; eyesitatu indoda inenkabi ezilingana nezi zaba bafo zidibene. Zingapina inkabi zaba bafo bobatatu ?

5. Xela ixabiso leponi ezi 5 zeswekile ngepeni zo 4 iponti ; neponti ezi 4 zekofu nge 10 lepeni iponti.

## G.

1. Yandisa umahluko opakati kwama 84 nama 65 ngesi 4.

2. Zingapina inxowa zomgubo, inye ibamba isi 6 seponti, ezingati zizaliswe ngenxowa ebamba ama 96 eponti ?

3. Umfo uza kuhamba imayile ezima 72 ; ama 32 emayile uwahambe ngeposi ; ama 24 emayile uwahambe ngenqwelo. Usasalelwe sisituba esingakanani ?

4. Dibanisa ishumi linantandatu, amashumi amatandatu anambini, ishumi linantatu, nesibozo.

5. Umgcini-venkile utenge amaqanda ngesheleni enye idazini, wapinda wawatengisa ngesheleni 1 enepeni ezi 6 idazini. Ungenise isingapina nge dazini ezi 4 ?



## H.

1. Kuko imfumba ezi **2** zencwadana zokubhalela ezima **36** kwimfumba nganye, zise kabatini. Zingapi ezo ncwadana zokubhalela zizonke ?

2. Umfo utenge amahashe ama **4** nge **£20** lilinye. Wawatengisa ngama **£22** lilinye. Ungenise isingapina ngehashe elinye ? Isingapi ewonke ?

3. Abantu bangama **64**, nemirozo emine yezitulo ezili **12**. Bangapina abantu amabeme ?

4. I-intshi zomtya ezi **6** zinganqunyulwa kangapina kwimitya emibini, omnye uzi-intshi ezima **32** ubude nomnye zima **34** ubude ?

5. Kwinxowa enelamuni ezili **100**, amakwenkwe angama **36** inye itabate za **2**. Kusele isingapi enxoweni ?

## I.

1. Ukuba incwadi ezima **96** zenziwe imfumba ezi **4**, zoba ngapina incwadi kwimfumba enye ?

2. Kungahlawulwa isingapina ngeyadi ezisi **8** zomtya xa izi **4d.** ngeyadi, neyadi ezisi **8** nge **6d.** iyadi, lonto idibene ?

3. Kuko igusha ezima **96** ebuhlanti ; ama **28** angeniswe kobunye ubuhlanti aza ama **32** aya edlelweni. Kusele isingapina segusha kobuya buhlanti bokuqala ?

4. Ndingati ndinesheleni ezi **6** pezu kwezi, ndinganika abantwana abali **12** isheleni zosi **7** emnye ; zingapi ke ezi sheleni ndinazo ?

5. Kwityalike etile kuko amadoda angama **54** nesiqingata selo nani sabafazi. Bangapi bebonke abantu abalapo ?

## J.

1. Dibanisa **7, 23, 19**, nama **35**.

2. Ama **84** adlula ngesingapina kuma **27** ?

3. Ikari ihamba imayile ezisi 8 ngeyure. Ingahamba isituba esingakanani ngeyure ezi 5 ?
4. Ungati ute watenga ilamuni ezili 10 ngepeni ezi 2 inye, uzuze ntoni itshintshi kwisheleni ezi 2 ?
5. Yahlula 54 ngesi 6.

## K.

1. Kwakuko amakwenkwe angama 24 esikolweni, intombi ziwapinde kabini. Bangapi abo bantwana bebonke ?
2. Umlimi use igusha ezima 82 emalikeni. Utengise ama 39. Zingapi abuye wagoduka nazo ?
3. Yaba incwadi ezima 72 zibe kwimfumba nga 4. Ziyakuba ngapi ezomfumba ?
4.  $19 + 7 + 35 + 26$ .
5. Inkwenkwe ineswitisi ezi 4 ngapezu kodade wabo, kuba ezake zima 39. Zingapi zibandakanyiwe ?

## L.

1. Tabata amashumi amane anane kumashumi osixenxe ananye.
2. Bala ngamazwi : 404. Bala ngamanani : amakulu amane anamashumi amane.
3. Yandisa 16 ngesi 4.
4. Dibanisa 26, 9 nama 45 uze utabate ama 57 kwe-lo nani.
5. U John unegusha ezima 37. Ezika Dick zima 29. Zingaba zingapi ezika David ukuba bebobatatu banegusha ezima 92 ?

## M.

1.  $92 - 75 =$
2. Kungongezwa ntonina kuma 37 ukwenza ama 84 ?
3. Yandisa 21 ngesi 4.

4. Xela inani le shumi elinesixenxe, isixenxe, nama-shumi asixenxe.

5. Umfo wayenama-apile angama 95 ebokisini; ulahlekwe ngama 47 awo, watenga ama 36 ngapezulu. Unesingapi ke ?

## N.

1. Bhala ngamanani,—amakulu amahlanu anama-shumi amahlanu. Bhala ngamazwi,—504.

2. Umfo ufake ilamuni ezili 18 kwinxowa nganye. Zoba zingapi ke kwinxowa ezingako ezintlanu ?

3.  $36 + 19 + 28 + 7 =$

4. Umfo uhlawule ama £92 ngenkabi ezi 4. Idlantononi inye ?

5. Ama 37 Mancinane ngesingapina kunama 65 ?

## O.

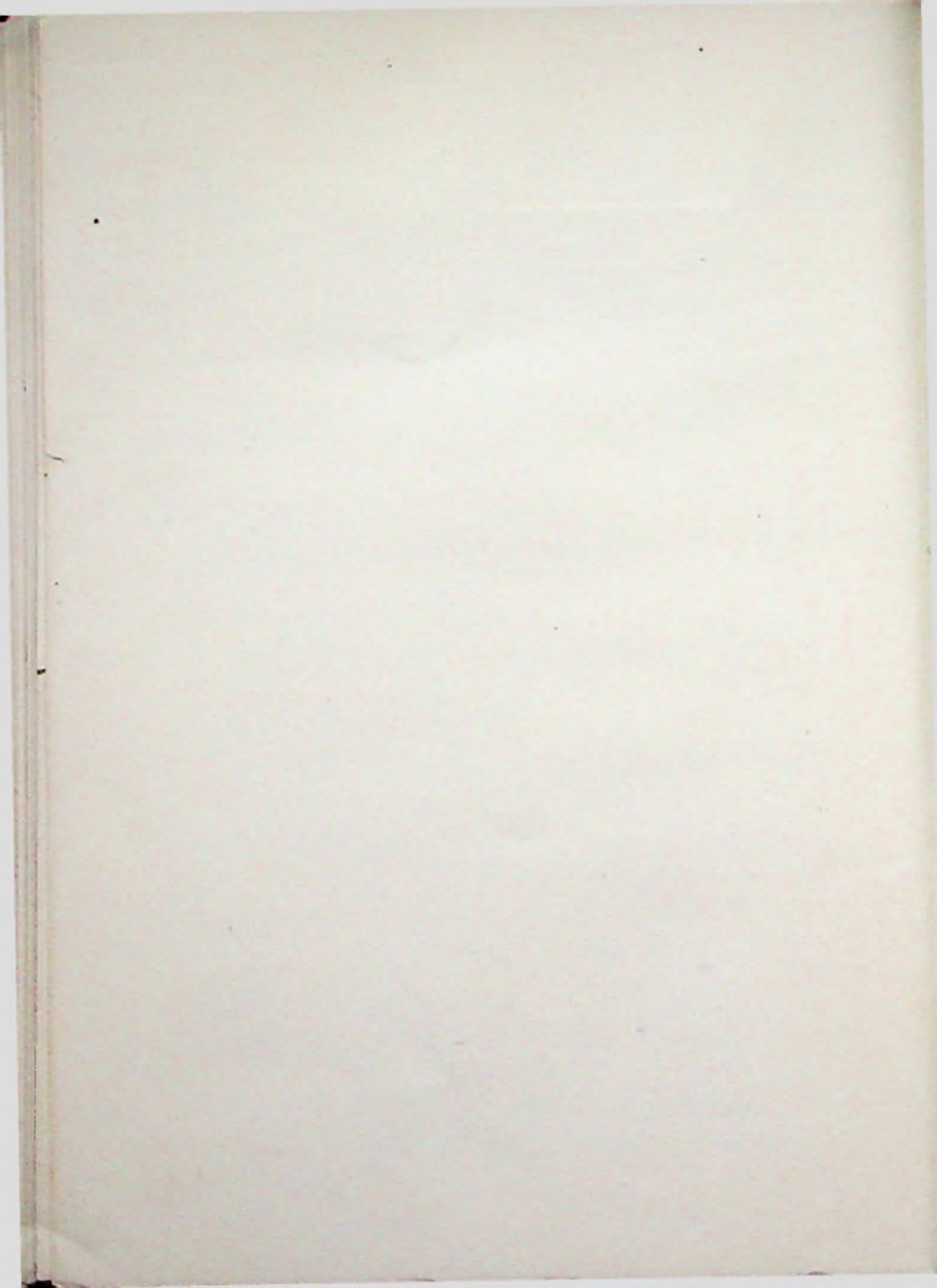
1. Yandisa umahluko pakati kwama 84 nama 67 ngesi 4.

2. Kwinxowa enelamuni ezingama 96, amakwenkwe ama 2 azuze ama 36 inye. Kusele isingapi ?

3. Yahlula ama 90 ngesi 6.

4.  $35 + 13 - 48 + 15 =$

5. Bhala ngamanani,—amakulu amatatu anamashumi omatatu. Bhala ngamazwi,—516.



80 MAY 1941

