

TOP MARK SERIES

TERMIII

MATHEMATICS

STD 6

Which one of the following is seven million two hundred and fifty thousand four hundred and nine in symbols?

A. 7,250,409

B. 7,205,409

C. 7,250,490

D. 7025,409

School enrolment in a certain county was as follows: Boys 143028, girls 113409. How many pupils are. there altogether to the nearest thousand?

A. 256437

B. 257000

C. 256000

D. 256400

3. What is the sum of the squares of 16 and 30

A. 286

B. 46

C. 2116

D. 1156

What is the place value of digit 4 in the number 34206871

A. Ten millions

B. Millions

C. Hundred thousands

D. Ten thousand

The population of a county is 15200614. The number of children is 8475295 and that of women is 4,095,768. How many men are there?

A. 6,725,319

B. 2730668

C. 27,771,677

D. 2,629,551

6. What is the greatest number that can divide exactly into 36, 54 and 72 without remainder?

A. 6

B. 9

C. 18

D. 216

Work out: 53 63759

A. 1203

B. 1023

C. 123

D. 1230

8. Work out: $5\frac{1}{2} + 4\frac{5}{8} + 3\frac{1}{3}$

A. 1211/24

B. 1311/24

D. 135/24

What is the value of: 0.78×0.5

A. 0.039

B. 3.9

C. 0.39

D. 0.309

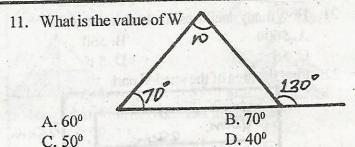
10. If 60% of a quantity is 300 what is 40% of the quantity?

A. 150

B. 200

C. 500

D. 100



12. Ben bought 8 books. 5 of them cost him shs. m each and the rest cost him shs. t each. How much did he spend altogether?

A. shs. 5m + t

B. shs. 5m + 8t

C. shs. m+t

D.shs. 5m + 3t

13. A rectangle is 23/5m long and 11/4m wide. What is the area?

A. 317/20 cm²

B. 31/4cm2

C. 77/10 cm²

D. 21/cm2

14. Work out: (31/5)2

A. 106/25

B. 91/25

C. 62/

D. 16/25

15. What is the circumference. Take pie as 22/7



A. 17.6cm

B. 35.2cm

C. 3.52cm

D. 1.76cm

16. Fid the area of a triangle whose base is 9.4cm and height 3.6cm

A. 13.0cm²

B. 33.84cm²

C. 169.2cm²

D. 16.92cm²

17. Write 0.65ha in square metres

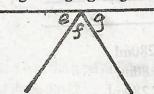
A. 65

B. 650

C. 6500

D. 65000

18. In the figure angle g-angle f and angle f=56°



What is the size of angle e?

A. 680

B. 1240

| 19. A motorist left Nyeri a | at 9.45am. He took 41/2hours |
|---|-----------------------------------|
| to reach Nairobi. At wh | at time did he reach Nairobi? |
| A. 2.15am | B.2.15pm |
| C. 2.05pm | D. 5.15pm |
| 20. A box measures 2.5ml | ong, 0.4m wide and 0.6m |
| high. What is its volum | e in cm3 |
| A. 0.6 | B. 600 |
| C. 6000 | D. 600000 |
| 21. How many decilitres ar | re there in 5.6 litres |
| A. 5600 | В. 560 |
| C. 56 | D. 5.6 |
| 22. Find the area of the sha | aded part |
| | |
| :: 15cm | 25cm |
| 20 | 8cm 25cm |
| 100 | |
| A. 480cm ² 32cm | B. 380cm ² |
| C. 420cm ² | D. 800cm ² |
| 23. A school has 360 pupils i | in upper primary this is 60% |
| of the total number of pu | apils in the school. What is |
| the total number of pupi | ls in the school? |
| A. 21600 | B. 420 |
| C. 216 | D. 600 |
| 4. What is $8 \div 0.02$ | San Man |
| A. 4 | B. 40 |
| C. 400 | D. 4000 |
| 5. Work out: $8^{2}/_{5} \div {}^{8}/_{25}$ | |
| A. 26 ¹ / ₄ | B: 25¾ |
| C. 286/ ₁₂₅ | D. 8 ² / ₂₅ |
| 6. The volume of the box is | 1260cm ³ |
| | |
| | |
| | |
| | 12cm |
| | 12cm |
| 18cm | 12cm |
| 15cm | 12cm |
| What is the width? | 12cm |
| What is the width? A. 84cm | 12cm B. 7cm |
| What is the width? A. 84cm C. 14cm | B. 7cm D. 180cm |
| What is the width? A. 84cm C. 14cm Work out the multiplicatio | B. 7cm D. 180cm |
| What is the width? A. 84cm C. 14cm | B. 7cm D. 180cm |
| What is the width? A. 84cm C. 14cm Work out the multiplicatio | B. 7cm D. 180cm |
| What is the width? A. 84cm C. 14cm Work out the multiplicatio | B. 7cm D. 180cm n |
| What is the width? A. 84cm C. 14cm Work out the multiplication Litres dl 8 6 | B. 7cm D. 180cm m 35 |
| What is the width? A. 84cm C. 14cm Work out the multiplicatio Litres dl 8 6 x | B. 7cm D. 180cm m 35 |
| What is the width? A. 84cm C. 14cm Work out the multiplicatio Litres dl 8 6 x A. 65litres 8dl 280ml | B. 7cm D. 180cm m 35 |
| What is the width? A. 84cm C. 14cm Work out the multiplicatio Litres dl 8 6 x A. 65litres 8dl 280ml B. 64litres 50dl 80ml | B. 7cm D. 180cm m 35 |
| What is the width? A. 84cm C. 14cm Work out the multiplicatio Litres dl 8 6 x A. 65litres 8dl 280ml | B. 7cm D. 180cm m 35 |

| | | V. | | | | | | | | | |
|----------------------------------|------|----------|-----------|--------|-------------------------------|----------------------------------|---------|-----------|--|--|--|
| 28. | Co | nvert | 2.7 to | nnes | into k | ilogra | ıms | | | | |
| | A. | 27 | | | | | 3. 270 | | | | |
| | C. | 2700 | | \$ | | |). 270 | | | | |
| 29. | Pu | rity b | ought | 60 es | ros for | · che | 500 f | our of | the eg | | |
| | go | t brok | en. Sl | ne sol | dthe | rect of | cha I | 10 and | the eg | | |
| | wa | sher | nercei | ntage | profit | ost al | . 2112. | i v eac | n. wŗ | | |
| | | 12% | porco | imse | brom | | 600 | , | | | |
| | | 20% | | | | | 60% | | | | |
| 30 | | | ofth | anlot | show | L 1 - 1 | 0.15% | 0 | | | |
| 1 | | o mod | OI LIN | - Prot | SHOW | II IS I | .2na | | 9 | | |
| | | | . , | | | | | | | | |
| | | | | | | | | | | | |
| | 06 | | | | | | | | P | | |
| | | Short. | | | no o ni | | | | h | | |
| | | | | di in | | | | | | | |
| | | | | | | | | | | | |
| | | | | 0.0 | | | | | | | |
| | Wh | ot in it | - l ! - ! | | DM | | | | | | |
| | | om of | sheig | ht? | | | AN COL | | | | |
| | | | | | | | 80m | | | | |
| | | 60m | | | | D. | 8m | | | | |
| 51. | wn | at is th | ne con | aplen | nent o | | | | | | |
| | | 220 | | | | В. | 480 | | | | |
| | | 380 | | | | D. | 320 | | | | |
| 32. | Hov | v man | y hou | rs are | there | from | midni | ght to | 4pm? | | |
| 1 | 4. 1 | 4 | | | ALMILIA. | B. | 8 | | | | |
| | C. 1 | | | | | D. | 4 | | | | |
| The t | abl | e bel | ow sh | OWS 1 | timeta | able f | orat | rain. | Use i | | |
| | | to a | nswe | rque | estion | s 33 a | and 3 | 4 | | | |
| | | Nairo | bi | Thika | 1 | Mura | | Nyer | | | |
| | 151 | Arr. | Dept. | Arr. | Dept. | Arr. | Dept. | Arr. | Dept | | |
| Tim | ein | | 1250 | - | 1450 | | 1620 | 2015 | Annual Control of the | | |
| 24hr | S | | | | | 1000 | 1020 | 2013 | 2200 | | |
| 3. I | Iow | long | isthe | stope | ver at | Nver | i? | 4.4 | | | |
| A | . 2h | rs 15 | mins | | | | | imina | | | |
| C | .2h | rs 451 | nins | 1 | | B. 1hr 15mins - D. 1hr 45mins | | | | | |
| 4. H | low | long | does t | he io | urney | take f | rom y | Joinel | .: 4. | | |
| M | Iura | ng'a? | | | | unco 1 | 101111 | vairot | 0110 | | |
| | | - | | | F. B | D 2 | has 1 | · · · · · | | | |
| A. 7hrs 30mins C. 3hrs 30mins | | | | | B. 3hrs 10mins D. 7hrs 50mins | | | | | | |
| 5. Work out | | | | | | D. Airs Sumins | | | | | |
| | t | | g g | E BF | | | ah a | inch# | | | |
| | 2 | | | | | | THE R | | A 2.0 | | |
| | 9 | THE | 1 | 5 | 13. | | 11 | 0.3 | | | |
| 003 | 7 | 9 | 56 7. | 2 | | nago | | NO TH | | | |
| <u> </u> | 124 | 421 | - 02 | | | | | trugina | | | |
| | | | g 25g | | | B. 13 | 3t 44 | kg 92 | 25g | | |
| C. | 13t | 43k | g 925 | g | | D. 1 | 3t 44 | ka 24 | 50 | | |
| 6. Al | nen | was b | ought | for sl | ns. 30(| and | sold fo | or shs. | 240. | | |
| VV. | nat | was tr | ne per | centa | ge los | s? | | | | | |
| A. | 209 | 0 | | | | B. 30 |)% | | | | |
| C | 50% | 1 | | | | DO | 101 | | | | |

| 3 | 7. Danson scored the fo | llowingr | narks in an e | examination | 1 45 | . What is the next | shape in the pattern |
|---|---------------------------|--|--|-------------|--------|--|--|
| | 85, 60, 55, 72 and 6 | | | | | | A supposition of the supposition |
| | A. 340 | | B. 68 | | | | |
| | . C. 65 | | D. 69 | | 1 | | |
| 3 | 8. What is the correct: | symbol | to post bety | ween these | A | | |
| | numbers? | | | | 1 4 | A | · J |
| | 5 days 10 | 0 hours | | | A.1 | | B. |
| | A.> | | B. < | | R. | 33 VIII) | |
| | C.= | | D. Equiva | lent | | Marches & Administration in | XXXX |
| 7 | The table below shows | postal | | | G | | 1 |
| | Use it to answer | Committee of the commit | and the second s | | 1 | 9897A | |
| | Surfa | ce parc | els | | | | |
| 3 | Weight Steps | Africa | Europe/ | Rest of | 46 | . What is the next | number in the pattern |
| | | | near East | world | | 5, 8, 12, 17, | Parties and the second |
| | | shs. | | shs. | | A. 22 | B. 23 |
| | Upto 1kg | 980 | 1110 | 1200 | | C.24 | D. 6 |
| | Over 1kg upto 5kg | 1400 | 1560 | 1680 | 47 | . What is the value | |
| | Over 5kg upto 10kg | 1725 | 1940 | 2000 | | 6(2d+3)-8=4 | |
| | Over 10kg upto 15kg | 1950 | 2250 | 2400 | | A. 2 | B. 3 |
| | Over 15kg upto 20kg | | 2580 | 2600 | | C. 4 ² / ₃ | D. 7 |
| , | Over 20kg upto 30kg | | 2700 | 2900 | 48 | What is $\sqrt{361}$ | D . / |
| 3 | 9. Asha sent the follow | ng | | | | A. 17 | B. 901/4 |
| | 1 parcel weighing | | Egypt(Af | rica) | | C. 21 | D. 19 |
| 1 parcel weighing 21kg to America (rest of the | | | | | | | sale of eggs by a farmer in a |
| | world). How much | | | | | week. Use it to a | nswer questions 49 and 50 |
| | A. shs. 4850 | | B.shs. 195 | | | 16 | district questions 47 and 50 |
| | C.shs. 4150 | | D.shs. 44: | 50 | | | |
| 41 |). Sandra sent the follow | wing: | 4 | | | 14- | |
| • | 2parcels each weig | hing 10 | kg to Italy | (Europe) | | | |
| | and I parcel of 1/2kg | g to Tan | zania (Afr | ica). How | | 12 | |
| | much did she pay for | the pos | tage? | | 5 | | |
| | A. shs. 3880 | | B. shs. 98 | 0 | TRAYS | 10 | |
| | C.shs. 2920 | | D.shs. 486 | 50 | 1/2 | | |
| 41 | . The scale 1 cm repres | ents 500 | metres can | be written | | 8 | |
| | as 1cm represents | cm | | | 1.9 | | |
| | A. 500 | | B. 5000 | | | 6 | |
| | C. 50000 | | D. 500000 |) | 18 | 4 | |
| 42 | 2. What is the LCM of | 4, 6 and | 19 | | SE SE | | |
| | A. 72 | | B. 18 | | NUMBER | 2/1/1/ | |
| | C. 36 | | D. 19 | | 1 \$ | | |
| 43 | . Simplify: 1/4(8m+12 | (t) + 2(t + t) | -m) | | | 0 | |
| 4 | A.2m+3t | | B.3m+4t | | 49. | How many more | crates of eggs were sold on |
| | C.4m + 5t | | D. 4m + 41 | | | Wednesday than o | on Thursday? |
| 44. A family uses 200g of sugar everyday. Sugar costs | | | | | | A. 14 | B. 8 |
| shs. 96 per kilogram. Find the total amount of money | | | | | | C. 4 | D. 6 |
| the family spends on sugar in 20 days? | | | | | | The state of the s | number of crates sold during the |
| | A. shs. 384 | | B.shs. 400 | 0 | | last three days? | restroot of etales sold diffing the |
| - | C.shs. 384000 | | D. shs. 316 | | 101-3 | A. 30 | B. 34 |
| | | | | | | C. 32 | D. 34 |