PRIMARY END TERM 1 2017

MATHMATICS STANDARD 6

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MATHEMATICS

TIME: 2HRS

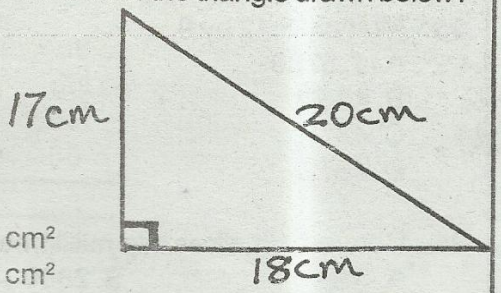
1. What is three hundred and fifteen thousand and eighty seven in figure?
   A. 3150087 B. 315087
   C. 301587 D. 315870

2. What is the place value of digit **8** in 4384694?
   A. Ten thousands
   B. Hundreds
   C. Tens
   D. Thousands.

3. Round off **69435** to the nearest thousands.
   A. 69430
   B. 69400
   C. 69000
   D. 70000

4. What is the greatest common divisor of **24, 36** and **40**?
   A. 16
   B. 8
   C. 4
   D. 32

5. What is the area of the triangle drawn below?



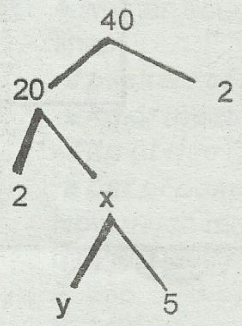
   A. 253 cm^2
   B. 180 cm^2
   C. 153 cm^2
   D. 306 cm^2

6. Which of the following numbers is divisible by **8**?
   A. 843
   B. 3244
   C. 9104
   D. 4378

7. Write **43** in roman numbers.
   A. XXLII
   B. XLIIII
   C. XLIII
   D. VLIII

8. Which pair consists of **only** prime numbers?
   A. 51 and 39
   B. 37 and 97
   C. 35 and 30
   D. 50 and 80

9. Complete the family tree.



	x	y
A.	10	5
B.	5	10
C.	2	10
D.	10	2

10. What is the square of **4**?
    A. 2 B. 16
    C. 8 D. 12

11. Divide **8428** by **14**
    A. 60.2 B. 62
    C. 6020 D. 602

12. A certain village had **384** children, **245** men and **300** women. How many people were in that village altogether?
    A. 729 B. 629
    C. 829 D. 929

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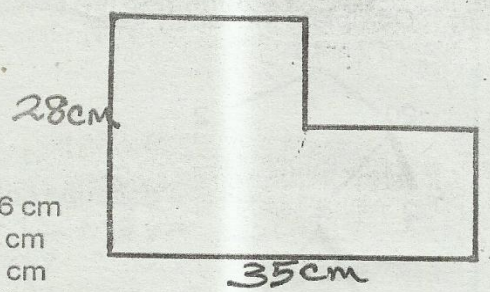
13. What is the product of 549 and 63?
A. 33587
B. 32587
C. 35835
D. 34587

14. Arrange the following fractions from the largest to the smallest $^{2}/_{8}$, $^{3}/_{4}$, $^{5}/_{6}$, $^{2}/_{3}$

A. $^{3}/_{4}$, $^{2}/_{3}$, $^{2}/_{8}$, $^{5}/_{6}$
B. $^{5}/_{6}$, $^{2}/_{3}$, $^{3}/_{4}$, $^{2}/_{8}$
C. $^{2}/_{8}$, $^{2}/_{3}$, $^{3}/_{4}$, $^{5}/_{6}$
D. $^{5}/_{6}$, $^{3}/_{4}$, $^{2}/_{3}$, $^{2}/_{8}$

15. Convert $3\ ^{7}/_{8}$ to an improper fraction
A. $^{8}/_{31}$
B. $^{31}/_{8}$
C. $^{8}/_{24}$
D. $^{24}/_{8}$

16. Find the perimeter of the figure drawn below.



A. 126 cm
B. 56 cm
C. 58 cm
D. 136 cm

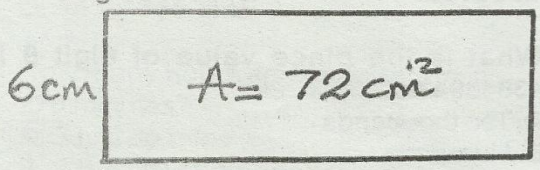
17. Convert 0.08 to a fraction to it's simplest form.
A. $^{2}/_{50}$
B. $^{8}/_{100}$
C. $^{2}/_{25}$
D. $^{8}/_{50}$

18. What is the L.C.M of 12 and 15?
A. 27
B. 60
C. 15
D. 20

19. What is the next number in the pattern?
64, 49. 36, 25, _____
A. 25
B. 4
C. 16
D. 14

20. Work out:-
53 + 8.32 + 15.695 =
A. 56.15
B. 24. 015
C. 87.015
D. 24.545

21. The area of the rectangle drawn below 72 cm². If it's width is 6cm, what is it's length?



A. 14 cm
B. 8 cm
C. 12 cm
D. 18 cm

22. Work out:-

Weeks	days
2	3
+1	5
0	7

A. 3 wks 1 day
B. 5 wks 15 days
C. 3 wks 15 days
D. 5 wks 1day

23. Multiply 5.42 by 9
A. 4. 8780
B. 48.78
C. 4878
D. 487.8

24. Convert $3\ ^{1}/_{2}$ litres into millilitres
A. 3500
B. 2800
C. 2500
D. 1500

25. Work out:-
$3\ ^{1}/_{2} + ^{5}/_{8} =$
A. $3\ ^{6}/_{10}$
B. $4\ ^{1}/_{8}$
C. $3\ ^{8}/_{9}$
D. $3\ ^{1}/_{8}$

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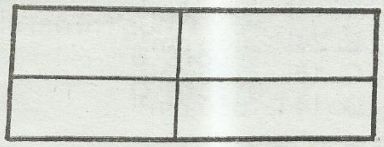
26. What is 9:54 am written in 24 hour clock system?
A. 9.45 p.m
B. 2145 hrs
C. 0945 hrs
D. 9.45 hrs

27. How many rectangles are in the diagram drawn below?



A. 4
B. 6
C. 9
D. 5

28. What is the square root of 441?
A. 21
B. 42
C. 20
D. 31

29. A class has 84 pupils, $^3/_7$ of the pupils are girls. How many boys does the class have?
A. 72
B. 48
C. 42
D. 38

30. How many 2.5 kg packets can be obtained from 5 tonnes of maize?
A. 2000
B. 20
C. 200
D. 40

31. Convert 3.4 km into metres.
A. 34000
B. 340
C. 3400
D. 34

32. Work out:-

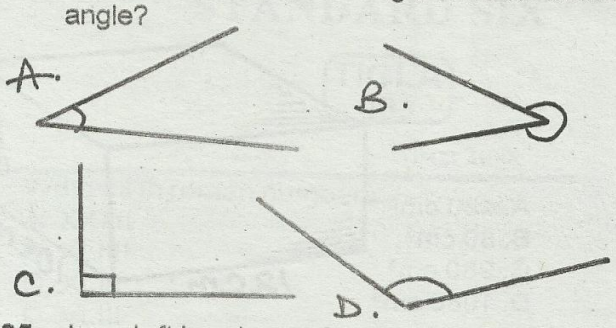
Sh	cts
70	85
+ 40	65

A. sh 111 150 cts
B. sh 11 50 cts
C. sh 110 150 cts
D. sh 110 50 cts

33. Simplify:-
3 (5y - 2) + 2 (3y +7)

A. 2y + 20
B. 21y + 8
C. 21y - 20
D. 21y - 8

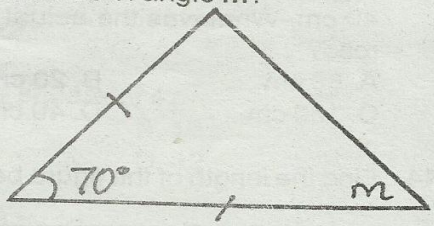
34. Which one of the following shows an acute angle?



35. Jane left her home for school at 7: 30 am. She took 45 mins to arrive at school . What time did she reach at school?
A. 7 : 15 a.m
B. 9 :15 am
C. 8 : 15 a.m
D. 8 : 45 a.m

36. A woman bought the following items from a shop.
-2 packets of maize flour @ Sh 140
-2 kg of meat for a Sh 800
-3 kg of rice @ Sh 80
-a bar of soap for Sh 112
How much money was she left with if she had Sh 2000?
A. 568
B. 1432
C. 865
D. 432

37. What is the size of angle m?



A. 65°
B. 110°
C. 45°
D. 55°

38. What is the approximate weight of your mathematics teacher?
A. 32 kg
B. 75 kg
C. 65 g
D. 75g

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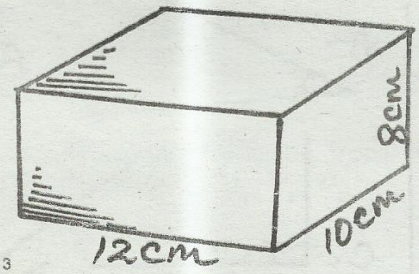
39. Find the volume of the cuboid drawn below.



A. 480 cm^3
B. 80 cm^3
C. 960 cm^3
D. 1080 cm^3

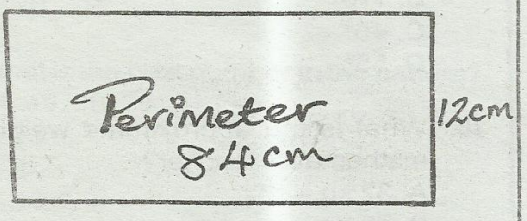
40. What is the value of **t** in?
3t + 12 = 48
A. 20 B. 12
C. 15 D. 20

41. In a science exam Fred scored **45** out of **50**. What was her percentage score?
A. 45%
B. 90%
C. 85%
D. 100%

42. Simplify the equation
4x - 7y + 12x + 19 y =
A. 16 x - 25y
B. 16x + 25y
C. 16x + 12y
D. 16x - 12y

43. A section of a road is represented by 2 cm on a map. The scale used is 1 cm represents 40 cm. What was the actual length of the road?
A. 80 cm B. 20 cm
C. 160 cm D. 40 cm

44. Find the length of the figure below.



A. 6 cm B. 14 cm
C. 7 cm D. 8 cm

45. Take away:-

Litres	cm^3
32	340
- 17	675

A. 12l 665 cm^3
B. 24l 665 cm^3
C. 15l 765 cm^3
D. 14 l 665 cm^3

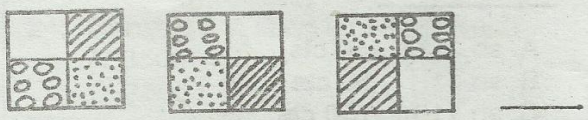
46. How many hours and minutes are in 270 minutes?
A. 3 hrs 30 mins
B. 2 hrs 70 mins
C. 5 hrs 30 mins
D. 4 hrs 30mins

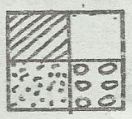
47. Find the area of a square whose perimeter is **35 cm**?
A. 370 cm
B. 140 cm
C. 1225 cm
D. 280 cm

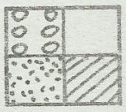
48. What is the reciprocal of $1\ ^2/_3$?
A. $^3/_5$
B. $^1/_3$
C. $^5/_3$
D. $^2/_3$

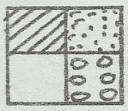
49. A textbook has **652** pages. How many pages does 28 such textbooks have?
A. 680 B. 4816
C. 17856 D. 16586

50. What is the next shape in the pattern below?









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