READ THESE INSTRUCTIONS CAREFULLY
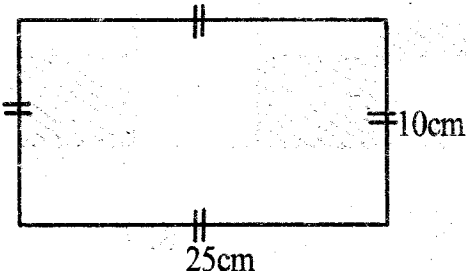
1. You have been given this question paper and a separate answer sheet. The question paper contains 50 questions.
2. Make sure that you have written on the answer sheet
    (i) Your name   (ii) Name of your school

TIME: 2HRS

1. What is **three hundred** and **fifty four thousand seven hundred** and **seventy one** written in symbols?
   A. 3540771
   B. 30504771
   C. 354771
   D. 3054771

2. What is the place value of digit **4** in the sum of **3262** and **235**?
   A. Ones
   B. Hundreds
   C. Tenths
   D. Four hundred

3. What number comes before **99000**?
   A. 99001
   B. 98009
   C. 99009
   D. 98999

4. What is the **L.C.M** of **15, 9** and **45**?
   A. 45
   B. 3
   C. 15
   D. 69

5. Which of the following numbers is divisible by **2, 5** and **10**?
   A. 24
   B. 75
   C. 205
   D. 90

6. Work out:-
   12.5 + 3.164 + 7.028 =
   A. 22.7020
   B. 22.6910
   C. 22.6920
   D. 22.6820

7. Round off **9889** to the nearest **10**;
   A. 9800
   B. 9890
   C. 9990
   D. 9900

8. Find the perimeter of the figure drawn below;

   10cm
   25cm
   A. 70cm
   B. 70cm²
   C. 250cm
   D. 35cm

9. What is the total value of digit **9** in the number **489657**?
   A. 9
   B. 90
   C. 900
   D. 9000

10. Work out:-
    46784 + 1047 + 3 =
    A. 46834
    B. 47824
    C. 47734
    D. 47834

11. Work out:-
    $1 - \frac{5}{6} =$
    A. $1\frac{5}{6}$
    B. $1\frac{1}{6}$
    C. $\frac{1}{6}$
    D. $\frac{4}{6}$

12. Divide **14** weeks 6 days by **4**;
    A. 3weeks   2days
    B. 3weeks   5days
    C. 3weeks   20days
    D. 3weeks   3days

13. What is the value of:-
    $13^2 + \sqrt{225}$
    A. 169
    B. 184
    C. 15
    D. 154

14. Work out and write your answer in the simplest form;
    $\frac{1}{2} + \frac{2}{8} =$
    A. $\frac{3}{4}$
    B. $5\frac{3}{4}$
    C. $4\frac{1}{3}$
    D. $1\frac{3}{4}$

15. Manengo bought 20 shirts each costing Sh. 70. He also bought 30 dresses each costing Sh. 80. How much money did he spend altogether?

A. Sh. 200   B. Sh. 150

C. Sh. 3800   D. Sh. 4200

16. Buyeke walks to and from school daily. If the distance from school to home is 13km, how many kilometres does she cover in 2days?

A. 13   B. 26

C. 36   D. 52

17. Add:-

$$2\tfrac{1}{4} + 3\tfrac{1}{2} =$$

A. $5\tfrac{1}{4}$ B. $5\tfrac{3}{4}$

C. $4\tfrac{1}{3}$ D. $1\tfrac{3}{4}$

18. What was the number of days in the months of July and August in the year 2020?

A. 61   B. 62

C. 60   D. 59

19. A road measuring 20km is represented by 5cm on a map. What is the scale used?

A. 1:400   B. 1:400000

C. 1:40   D. 1:4000

20. Write **48** in Roman number;

A. XLVIII   B. XLIX

C. LVIII   D. XXXXVIII

21. Arrange the numbers below from the smallest to the largest;
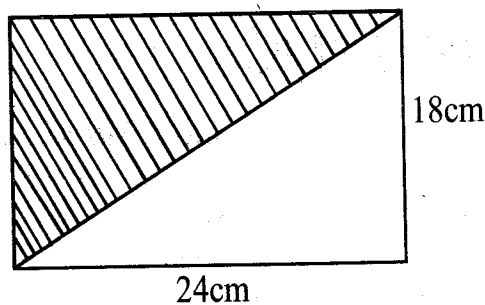
$\tfrac{3}{4}$, **0.075, 7.5, 75**

A. 7.5, $\tfrac{3}{4}$, 0.075, 75

B. 0.075, 7.5, $\tfrac{3}{4}$, 75

C. 0.075, $\tfrac{3}{4}$, 7.5, 75

D. 3.4, 0.075, 7.5, 75

22. What is the area of the shaded region in the figure below?

A. 432cm²   B. 64cm²

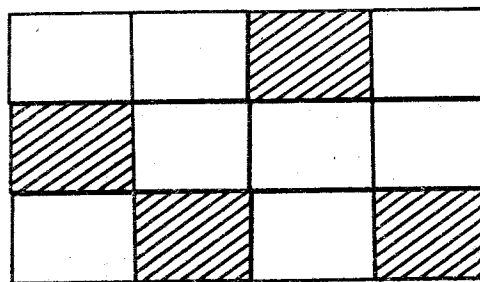C. 216cm²   ?   D. 432cm

23. What is:- $\tfrac{1}{9}$ of 45

A. 405   B. 54

C. 36   D. 5

24. Work out:-

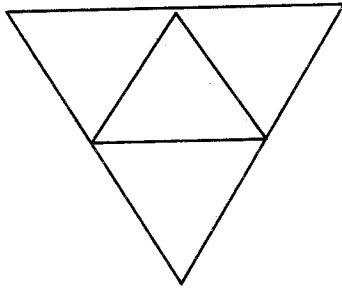| Hours	min	sec
2	30	30
+ 0	20	40
0	31	00

A. 3hrs 31min 10sec

B. 3hrs 30min 10sec

C. 3hrs 22min 10sec

D. 3hrs 90min 10sec
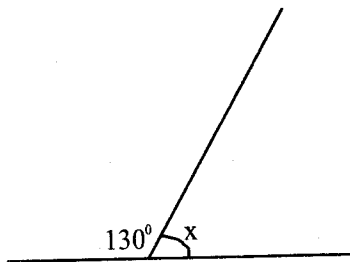
25. What fraction is unshaded in the figure below?

A. $\tfrac{2}{3}$ B. $\tfrac{1}{3}$

C. $\tfrac{1}{4}$ D. $\tfrac{1}{2}$

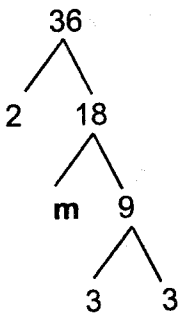**26.** How many triangles are in the there following figure?

A. 8
B. 4
C. 6
D. 5

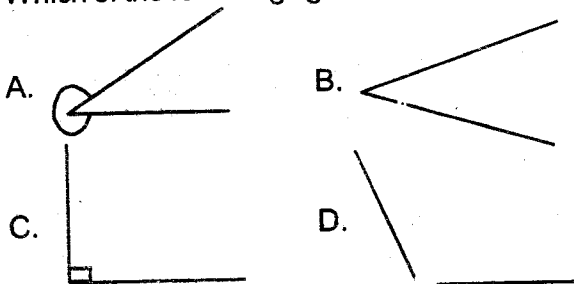**27.** What is the size of angle **X** in the figure below?

130° X

A. 180°
B. 60°
C. 50°
D. 20°

28. What is the value of **m** in the factor tree below?

A. 18
B. 2
C. 3
D. 9

29. Which of the following figures is a reflex angle?
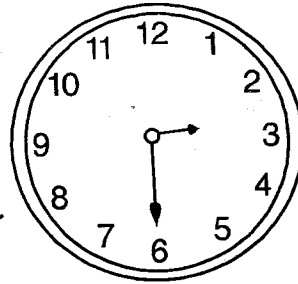

30. Work out:-

$$3x + 4y - y + 2x =$$

A. 5x - 3y
B. 5x + 5y
C. 5x + 3y
D. x + y

31. A square plot has a length of 12cm. What is its area?

A. 48cm²
B. 60cm²
C. 144cm²
D. 120cm²

32. What is the time shown on the clock face below?

A. Half to two
B. Half past two
C. Six minutes to two
D. Six minutes past two

33. Express **48** as a product of its prime factors;

A. 2 x 2 x 2 x 3
B. 2 x 2 x 2 x 2 x 3
C. 2 x 2 x 2 x 6
D. 2 x 3 x 6

34. Work out and write your answer as a fraction in its simplest form;

$$0.1 + 0.4 + 0.3 =$$

A. $^4/_5$
B. $^8/_{10}$
C. 0.8
D. $^7/_{10}$

35. What is:- 484 x 26 =

A. 10464
B. 11594
C. 12580
D. 12584

36. Convert into a mixed number; $^{17}/_6$

A. $3\,^1/_6$
B. $3\,^5/_6$
C. $2\,^5/_6$
D. $2\,^6/_5$

37. What is **0.83** multiplied by **4**?

A. 33.2
B. 0.0332
C. 3.32
D. 0.332

38. Which one of the following fractions is equivalent to $^1/_3$?

A. $^{15}/_{45}$
B. $^{12}/_{48}$
C. $^{20}/_{40}$
D. $^{14}/_{36}$

39. Work out:-

km	m	cm
6	25	32
x		5

A. 31km 426m 60cm

B. 30km 426m 60cm

C. 30km 1426m 60cm

D. 31km 425m 60cm

40. What is the difference between $^2/_3$ and $^4/_5$?

A. $^8/_{15}$

B. $^2/_{15}$

C. $^2/_2$

D. $^6/_8$

41. There are 250 pupils in a school. Each pupil drank 50 ml of milk. How much milk in litres did the pupils consume?

A. 12500
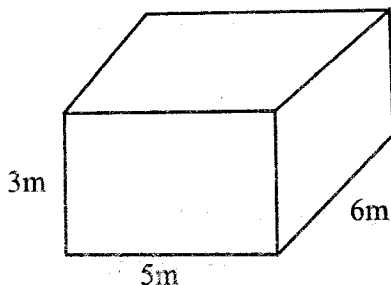
B. 1250

C. 125

D. 12.5

42. What is:-

$5 \times 2^1/_7 = $ _____

A. $^{10}/_7$

B. $^5/_{35}$

C. $10^5/_7$

D. $35^1/_2$

43. What is the volume of the figure below?

3m

6m

5m

A. 90m²

B. 90m

C. 90m³

D. 45m²

44. Work out:-
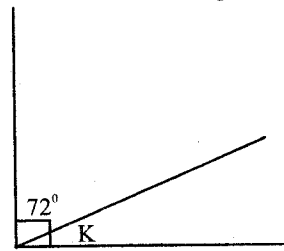
$4036 \div 34 = $ _____

A. 118 rem 24

B. 118

C. 117 rem 18

D. 117

45. What is the value of **y** in the expression?

44y = 528

A. 21

B. 20

C. 12

D. 32

46. What is the value of angle **K** in the figure below?
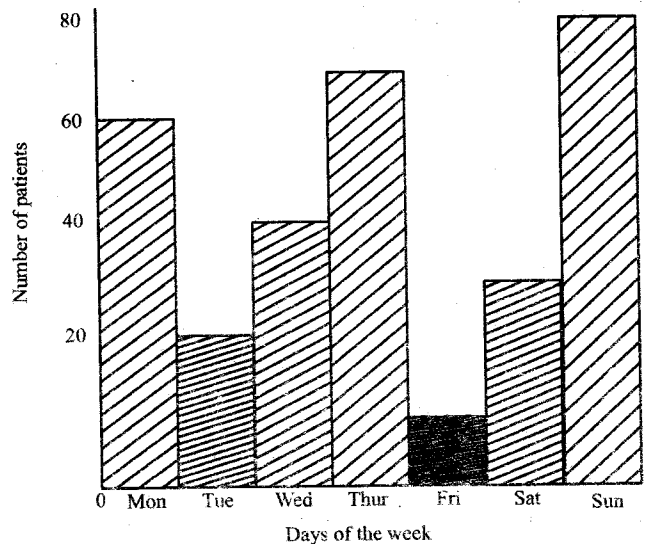

72°

K

A. 108⁰

B. 60⁰

C. 28⁰

D. 18⁰

47. What is the product of an even number and an odd number?

A. Prime number

B. Odd number

C. Multiple number

D. Even number

48. What is the sum of all prime numbers between **20** and **30**?

A. 52

B. 48

C. 45

D. 120

The graph below shows the number of patients who tested positive for covid - 19 at Kenyatta hospital. Use it to answer questions 49 - 50.

49. Which day of the week had the least number of covid - 19 patients?

A. Friday

B. Sunday

C. Tuesday

D. Saturday

50. What was the total number of patients who tested positive for covid - 19 on Monday and Thursday?

A. 130

B. 140

C. 160

D. 190