

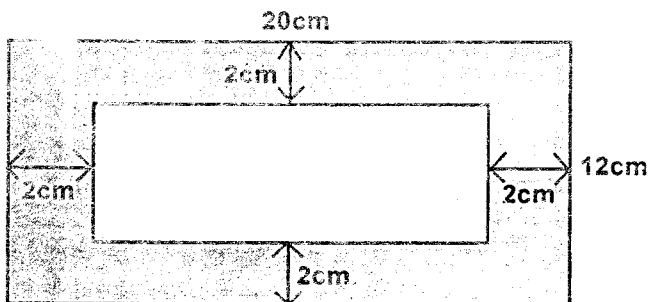
- Which of these numbers is ten million one hundred and two thousand and two?

A. 1010202	B. 10102002
C. 101202	D. 101022
- Round off these numbers to the nearest thousand and then find their sum: 49640, 53496 and 80870

A. 184 000	B. 182 000
C. 183 000	D. 183 920
- What is the total value of digit 6 in the number 76228?

A. 6	B. 600
C. Thousands	D. 6000
- The area of a square room is 169m^2 . What is the measure of one of its sides?

A. 338cm	B. 13cm
C. 52cm	D. 42.25cm
- What is the area of the shaded part in the figure below?

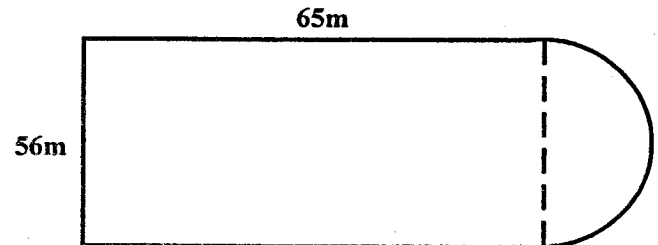


- | | |
|---------------------|---------------------|
| A. 240cm^2 | B. 128cm^2 |
| C. 112cm^2 | D. 180cm^2 |
- Work out: $10.63 + 58.6 + 3.156$

A. 72.386	B. 100.79
C. 69.225	D. 480.5
 - Remove the brackets and simplify $4(3w + 4y) + 6$

A. $12w + 16y$	B. $12w + 16y + 6$
C. $12w + 16y - 6$	D. $12w + 16y + 24$

- The diagram below represents Lydia's piece of land

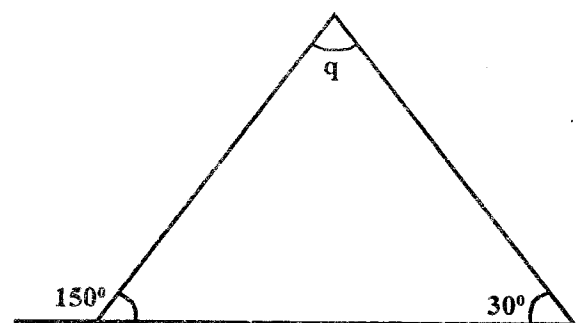


What is its perimeter? (Take $\pi = \frac{22}{7}$)

- | | |
|---------|---------|
| A. 130m | B. 186m |
| C. 274m | D. 88m |
- Express $\frac{3}{4}$ as a percentage

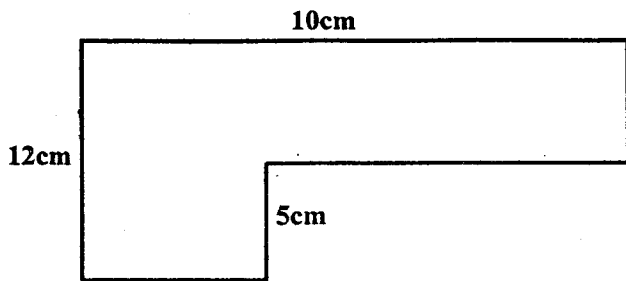
A. 75%	B. 85%
C. 25%	D. 34%
 - What is the square root of $\frac{25}{36}$?

A. $\frac{5}{6}$	B. $\frac{6}{3}$
C. $2\frac{1}{3}$	D. $\frac{2}{3}$
 - What is the value of the angle marked q in the figure below?



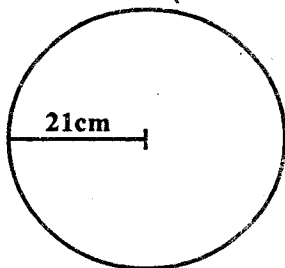
- | | |
|----------------|----------------|
| A. 180° | B. 120° |
| C. 30° | D. 20° |
- What is the reciprocal of $12\frac{1}{4}$?

A. $4\frac{9}{4}$	B. $4\frac{8}{4}$
C. $\frac{4}{49}$	D. $\frac{4}{17}$
 - What is the distance round the figure below?



- A. 27cm B. 27cm²
 C. 44cm D. 44cm²

14. What is the value of $\sqrt{361}$?
 A. 9 B. 19
 C. 29 D. 31
15. What is the sum of all prime numbers between 70 and 80?
 A. 223 B. 306
 C. 375 D. 393
16. What is the sum of the complement and the supplement of 76°?
 A. 128° B. 114°
 C. 118° D. 180°
17. What is the circumference of the circle drawn below? (Take $\pi = \frac{22}{7}$)



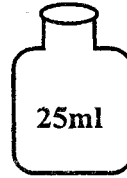
- A. 154cm B. 308cm
 C. 7cm D. 132cm

18. What is the value of:

t	Kg	g
5	415	94
	x	5

- A. 25t 2075 kg 470g
 B. 25t 2075 kg
 C. 27t 75kg 470g
 D. 27t 207kg 470g

19. Arrange the following fractions from the largest to the smallest: $\frac{2}{3}, \frac{2}{5}, \frac{3}{4}, \frac{1}{2}$
 A. $\frac{1}{2}, \frac{2}{5}, \frac{2}{3}, \frac{3}{4}$ B. $\frac{3}{4}, \frac{2}{3}, \frac{1}{2}, \frac{2}{5}$
 C. $\frac{3}{4}, \frac{2}{3}, \frac{2}{5}, \frac{1}{2}$ D. $\frac{3}{4}, \frac{1}{2}, \frac{2}{5}, \frac{2}{3}$
20. How many small bottles can fill the bigger bottle?



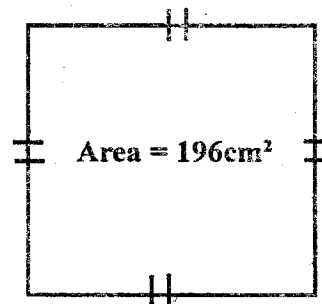
- A. 12 B. 120
 C. 1200 D. 12000

21. What is the value of y in the magic square below?

3		6
	5	
4		Y

- A. 7 B. 6
 C. 5 D. 4

22. The area of the figure below is 196m²



What is its perimeter?

- A. 48cm B. 56cm
 C. 64cm D. 96cm

23. Nevine left home at 9.35 a.m and reached school at 1.05 p.m. How long did she take to reach school?

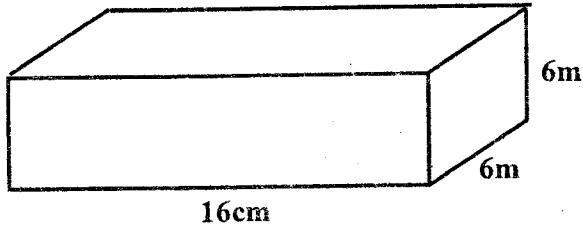
- A. 3 hrs 30 min B. 2 hrs 3 min
 C. 8 hrs 50 min D. 8 hrs 30 min

24. Sharon bought the following items from a kiosk:

2 packets of Uji Mix @ Sh. 25
 1½ kg of onions @ Sh. 60
 2 kg of maize @ Sh. 94
 She paid with a five hundred Shilling note. What was her balance

- A. Sh. 178 B. Sh. 213
 C. Sh. 234 D. Sh. 172

25. What is the volume of the cuboid below?



- A. 576cm² B. 96cm³
 C. 28cm³ D. 576cm³

26. Mebel sells 557 litres of milk to the factory daily. How much milk in litres did she sell in the month of August?

- A. 16710 B. 1671
 C. 17267 D. 18267

27. What is the next number in the pattern below: 1, 3, 7, 15, 31, _____?

- A. 46 B. 57 C. 62 D. 63

28. Work out and give your answer in decimal: $\frac{3}{10} \times \frac{4}{10} =$

- A. 0.02 B. 12
 C. 0.12 D. 0.012

29. Find the value of m: $5(2m + 2) - 1 = 9$

- A. 0 B. $\frac{10}{18}$
 C. 1.8 D. 10

30. Simplify: $3x + 3y + x - 2y$

- A. $4x + 5y$ B. $2x - 5y$
 C. $4x - y$ D. $4x + y$

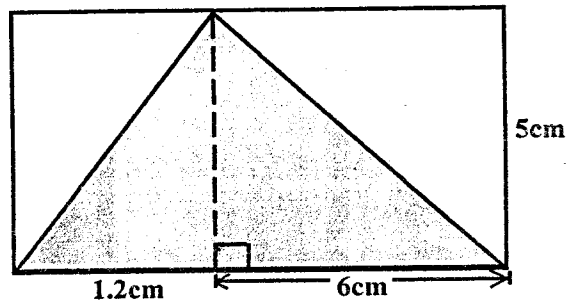
31. Hosea shared Sh. 275010 equally among his three sons. How much did each son get?

- A. Sh. 90670 B. Sh. 9167
 C. Sh. 5030 D. Sh. 91670

32. In Faith Christian School, 40% of the pupils are girls. If there are 540 boys in the school, how many pupils are there in the school?

- A. 1350 B. 900
 C. 320 D. 180

33. What is the area of the shaded part in the figure below?

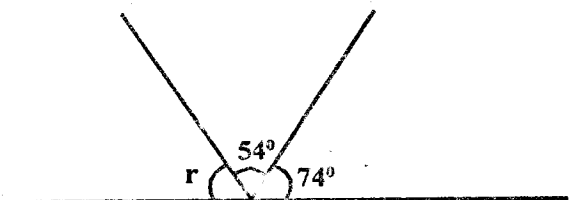


- A. 30cm² B. 12cm²
 C. 20cm² D. 18cm²

34. Kemboi cycled a distance of 1500m in 60 seconds. What was his average speed in metres per second?

- A. 12 B. 5 C. 25 D. 10

35. What is the value of the angle marked r in the figure below?



- A. 128° B. 54°
 C. 52° D. 74°

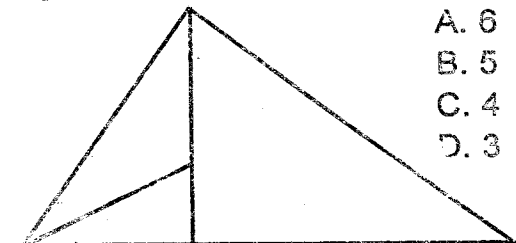
36. Work out: $8.25 \div 0.25$

- A. 0.33 B. 3.3
 C. 0.033 D. 33

37. The marked price of a dress is Sh. 2500. Wanja was given a 30% discount. How much did she pay for the dress?

- A. Sh. 750 B. Sh. 1750
 C. Sh. 3250 D. Sh. 2800

38. How many triangles can you see in the figure below?



- A. 6
 B. 5
 C. 4
 D. 3

39. Work out: 4.35×4.1

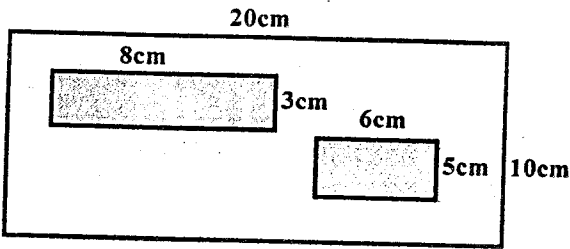
- A. 1.7835 B. 1783.5
 C. 17.835 D. 17835

40. Muli had 5 hens weighing 2 kg, 3 kg, 5 kg, 2.3 kg and 2.7 kg. What was the

average mass of each hen?

- A. 15 kg
- B. 2.5 kg
- C. 5 kg
- D. 3 kg

41. What is the area of the unshaded part in the figure below? ?



- A. 200cm²
- B. 146cm²
- C. 54cm²
- D. 24cm²

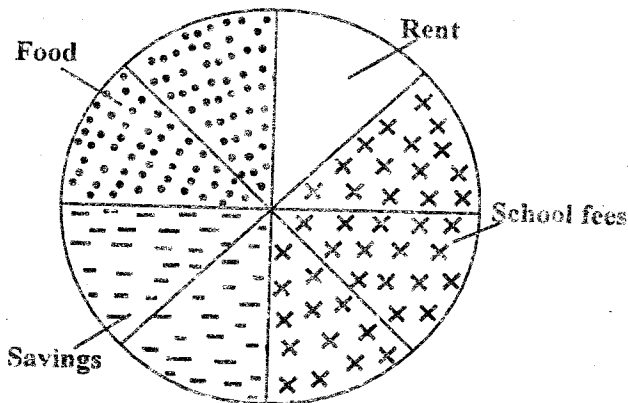
42. Which one of the following statements is true about an equilateral triangle?

- A. All the angles are equal
- B. Only two sides are equal
- C. One of the angles is 90°
- D. All the angles add upto 360°

43. Three bells ring at intervals of 10 min, 15 min and 20 min respectively. If the bells are set to ring at the same time, how long will they take to ring together?

- A. 45 min
- B. 30 min
- C. 25 min
- D. 1 hour

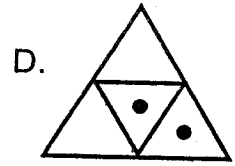
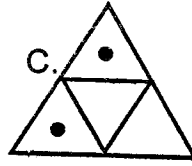
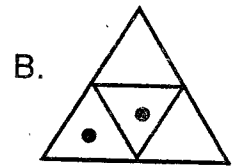
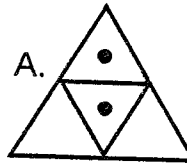
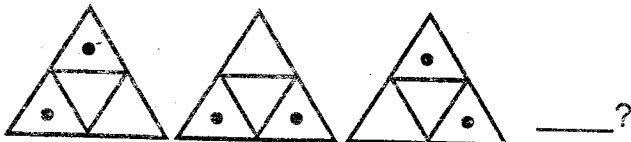
44. The pie chart below shows how Atieno spent her salary of Shs. 36000



How much did she spend on food?

- A. Sh. 13500
- B. Sh. 9000
- C. Sh. 27000
- D. Sh. 36000

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



46. Work out: $\frac{7}{10} + 2\frac{3}{8}$

- A. $\frac{28}{95}$
- B. $3\frac{11}{28}$
- C. $1\frac{53}{80}$
- D. $\frac{56}{100}$

47. Which of the following numbers is divisible by 8?

- A. 27856
- B. 84836
- C. 38842
- D. 33493

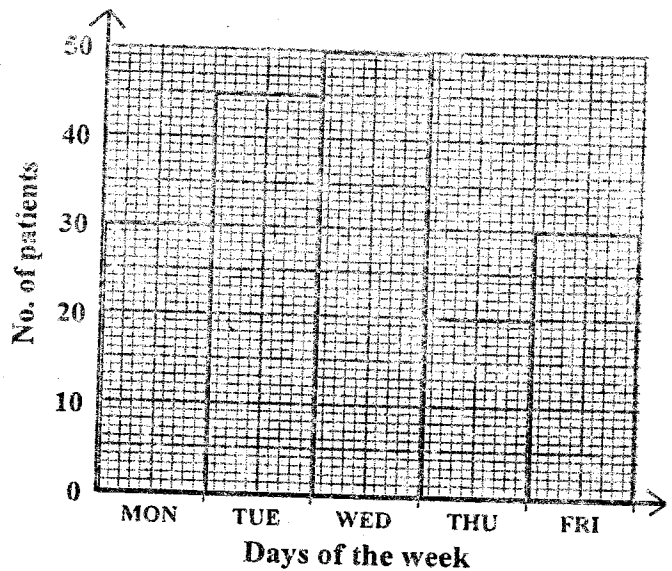
48. What is the GCD of 24, 36 and 42?

- A. 3
- B. 6
- C. 18
- D. 420

49. Work out: $42147 \div 21$

- A. 27
- B. 207
- C. 2007
- D. 20007

50. The graph below shows the number of patients who attended Mama Lucy Kibaki Hospital in five days.



What was the total number of patients who attended the hospital in the five days?

- A. 20
- B. 50
- C. 170
- D. 175