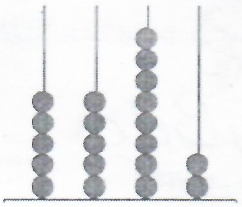
1. Write in **figures** the number shown on the abacus.



Answer: _____ [1]

---

2. Work out:

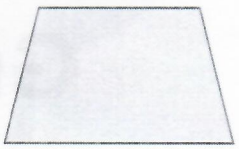
$$\begin{array}{r} 5\ 6\ 2 \\ 4\ 1\ 0\ + \\ \hline \end{array}$$

Answer: _____

[1]

---

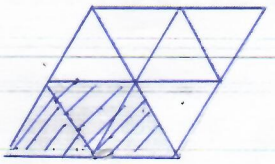
3. What is the name of the shape given below?



Answer: _____ [1]

---

4. What fraction of the figure is shaded?



Answer: _____ [1]

---

5. Work out:

$$\begin{array}{r} 8\ 7\ 4 \\ 3\ 7\ 1\ - \\ \hline \end{array}$$

Answer: _____

[1]

---

6. Reduce $\frac{8}{12}$ to its lowest term.

Answer: _____ [1]

7. The value of 6 in 6520 is

Answer: _____ [1]

8. Write down the next term in the sequence.

3.2 , 3.4 , 3.6 , _____

[1]

9. Work out:

$$\begin{array}{r} 552 \\ \times \quad 5 \\ \hline \end{array}$$

Answer: _____

[1]

10. Calculate: 304 ÷ 2

Answer: _____ [1]

11. What is the largest 3-digit number?

Answer: _____ [1]

12. Calculate 20% of 400.

Answer: _____ [1]

13. Write down the factors of 10.

Answer: _____ [1]

14. What is the **Least Common Multiple** (L.C.M) of 8 and 24?

Answer: _____ [2]

---

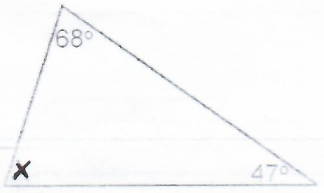
15. Work out:

$$\frac{3}{9} + \frac{2}{9} =$$

Answer: _____ [1]

---

16. Find angle ***x***.



Answer: angle x = _____° [2]

---

17. What number is represented by the following expansion?

(4 x 10) + (6 x 1000) + (9 x 100) + (2 x 10 000) + (1 x 1) =

Answer: _____ [1]

---

18. Circle the **prime** numbers in the list below.

17 , 27 , 49 , 53 , 63

[1]

For each question, from numbers 19 to 30, circle the letter which shows the correct answer. An example has been done for you.

$3 \times 4 =$

A 1 (C) 12

B 7 D 15

19. $4 \times 3^2 =$

A 10

B 12

C 24

D 36

20. Which of the following numbers is exactly divisible by 3?

A 57

B 65

C 71

D 83

21. There are 8 apples and 4 mangoes in a basket. What fraction of the fruits are mangoes?

A $\frac{1}{4}$ C $\frac{1}{2}$

B $\frac{1}{3}$ D $\frac{8}{4}$

22. A baby sleeps for 12.5 hours every day. How many hours of sleep does the baby have in 5 days?

A 60 hours C 62.5 hours

B 17.5 hours D 7.5 hours

23. In the number 54.19, the digit _____ is in the tenth place.

A 5

B 4

C 1

D 9

24. What is the difference between 7034 and 2700?

A 3517

B 4334

C 7007

D 9734

25. Eleven thousand and seventy written in figures is

A 11 007

B 11 017

C 11 070

D 11 700

26. $6\frac{1}{2} =$

A $\frac{6}{2}$ C $\frac{7}{2}$

B $\frac{12}{2}$ D $\frac{13}{2}$

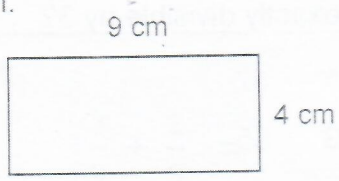
27. Which one of these was a leap year?

A 1909
B 1911
C 1916
D 1927

28. 8.5 L =

A 0.085 cL
B 0.85 cL
C 85 cL
D 850 cL

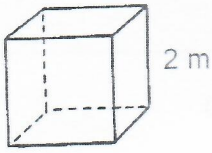
29. The rectangle below has length 9 cm and width 4 cm.



What is the **perimeter** of the rectangle?

A 10 cm
B 13 cm
C 26 cm
D 36 cm

30. The length of a solid cube is 2 m.



What is the total surface area of the cube?

A 24 m^2
B 16 m^2
C 12 m^2
D 4 m^2

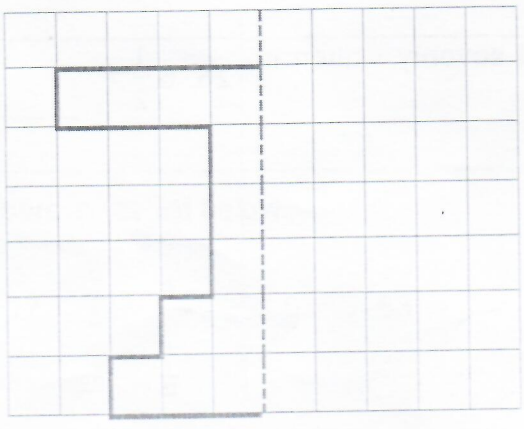
[12]

31. Arrange the following number cards in **descending** order.

7463	7643	7364	7634
_____	_____	_____	_____

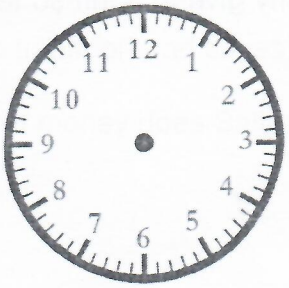
[2]

32. A shape has **one** line of symmetry. Part of the shape is shown below.
Complete the figure.



[2]

33. Draw the hour hand and the minute hand to show fifteen past five on the clockface.



[2]

---

34. Write down the missing term in each of the following.

i. 4 , 8 , _____ , 32 , 64

ii. 25 , 36 , 49 , 64 , _____

iii. 12 , 14 , 17 , _____ , 26

[3]

---

35. The average of 3 numbers is 10. The sum of the first two numbers is 22.
Find the third number.

Answer: _____ [2]

---

36. Given that

206 316	÷	521	=	396

Without doing any calculations, write down the missing numbers in the empty boxes below.

(a) [ ] x [396] = 206 316

(b) [5.21] x [ ] = 20.6316

(c) [ ] x [521] = 206 316 ÷ 521

[3]

37. John has 840 stamps and Kenny has 1176 stamps.

How many stamps must Kenny give to John so that they will have the **same** number of stamps?

Answer: _____ **stamps** [3]

---

38. In a school, there were a total of 2147 pupils and teachers.

There were 122 teachers.

There were 433 more girls than boys.

How many girls were there?

Answer: _____ **girls** [4]

---

39. Aruna had $ 950. She used $\frac{3}{5}$ of it to buy a dishwasher.

She changed the rest into euros. How many euros did she get?

($1 = Rs 36 , €1 = 40)

Answer: € _____ [5]

40. Every month, Sally spends $\frac{3}{4}$ of his pocket money on food.

He spends another $\frac{1}{8}$ of it on transport and saves the rest.

(a) What fraction of the pocket money does Sally spend more on food than on transport?

Answer: _____ [2]

(b) What fraction of the pocket money does Sally **save**?

Answer: _____ [3]

---

41. A living room measure 7 m by 4 m. Father wants to lay small square carpets of length 2 m on the floor, without cutting up the carpets.

(a) What is the greatest number of carpets he can lay on the floor?

Answer: _____ **carpets** [3]

(b) What is the area of the floor that is **not** covered by the carpet?

Answer: _____ m^2 [2]

---

42. The ratio of the length of a rectangle to its breadth is 3 : 1.

Its perimeter is 108 cm. What is the length of the rectangle?

Answer: _____ cm [3]

43. (a) 4.5 kg of white rice is mixed with 5 times as much brown rice.

The mixture is filled equally into 10 packets.

How many kilograms of mixture does each packet contain?

Answer: _____ kg [4]

(b) Akil, Mary and Christelle share the cost of a gift.

Akil pays $\frac{1}{3}$ of the cost, Mary pays $\frac{1}{4}$ of the cost and Christelle pays the rest.

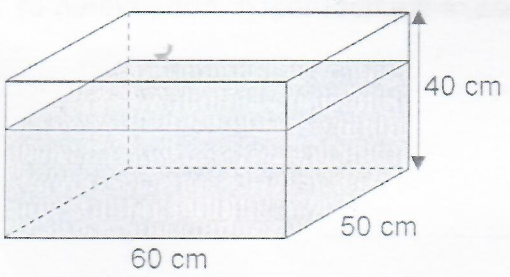
Christelle pays Rs 1600 **more** than Akil. What is the cost of the gift?

Answer: Rs _____ [5]

---

44. A rectangular tank is 60 cm long, 50 cm wide and 40 cm high.

The tank is **three quarter** filled with water.



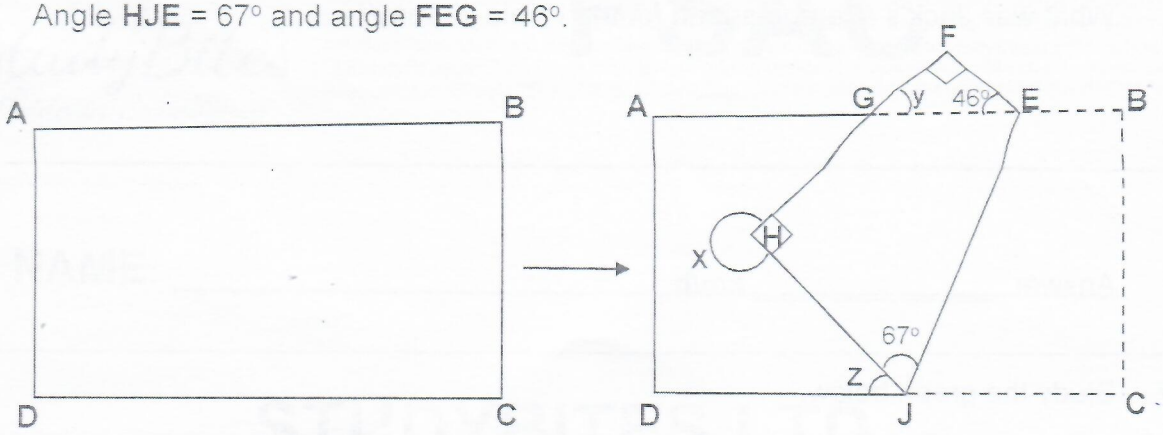
Find the **volume of water** in the tank.

Answer: _____ cm^3 [4]

45. The figure below shows **ABCD** which is a rectangular piece of paper.

It is folded as shown below.

Angle **HJE** = 67° and angle **FEG** = 46°.



Find:

(a) angle *x*.

Answer: angle *x* = _____ °

[2]

(b) angle *y*.

Answer: angle *y* = _____ °

[2]

(c) angle *z*.

Answer: angle *z* = _____ °

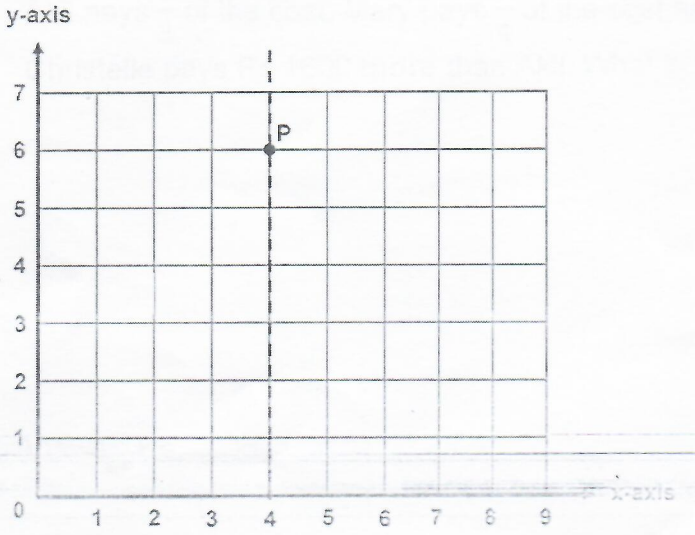
[3]

46. Sheila travelled 360 km at an average speed of 80 km/h.
Jack took 1.5 hours **more** to complete the same amount of distance.
What was Jack's average speed for the whole journey?

Answer: _____ **km/h** [4]

---

47. Study the graph below.



(a) Write down the coordinates of point **P** shown on the graph.
Answer: (_____ , _____)

[1]

(b) Point **Q** has coordinates **(1, 3)**. Plot point **Q** on the graph.

[2]

(c) **PQR** is an isosceles triangle with **PQ = PR**.
The dotted line on the graph is a line of symmetry of triangle **PQR**.
Draw triangle **PQR** on the graph.

[2]