

CBSE Class 6 Maths Sample Paper SA 2

Subject : Mathematics

Time Durations: 2½ Hrs

Class: VI

Maximum Marks: 70

General Instructions :

- (i) All questions are compulsory.**
- (ii) The question paper consists of 28 questions divided into four sections A, B, C and D. Section A consists of 8 questions of 1 mark each.
Section B consists of 6 questions of 2 marks each.
Section C consists of 10 questions of 3 marks each.
Section D consists of 4 questions of 5 marks each.**
- (iii) There is no overall choice. However an internal choice has been provided in some questions.**

Attempt only one option in such questions.

(SECTION-A)

1. Write opposite of loss of Rs. 315.
2. Represent $27/4$ in the form of mixed fraction.
3. If $3n = 21$, then find the value of n .
4. Write the 5.07 in words.
5. Find the ratio of 90 to 120.
6. Perimeter of an equilateral triangle = $3 \times \dots\dots\dots$
7. Length and breadth of a rectangular Figure are 'l' and 'b'. Using its, Write the formula to find the Perimeter.
8. Represent - 2 on a number line.

SECTION-B

9. Write the Following as Decimal.

$$\frac{17}{1} + \frac{5}{10} + \frac{5}{100}$$

10. Construct with Ruler and Compass, angle of 45° .
11. Find the equivalent fraction of $3/4$ having numerator 24.

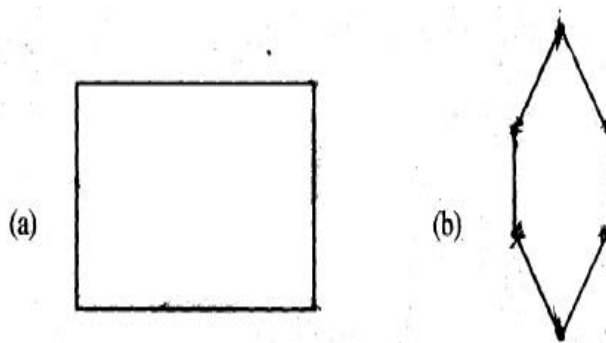
12. Solve: $\frac{3}{4} - \frac{2}{3}$

13. Write all integers between -6 and 3.

14. Express as metres using decimal : 8 m 6 cm

SECTION-C

15. Find the number of lines of symmetry for the following shapes :



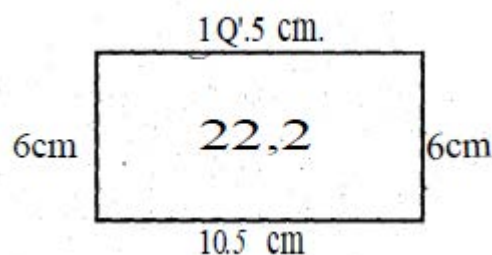
16. Find the sum of $0.75 + 10.425 + 2$.

OR

Solve : $11.690 + 15.705 - 3.067$

17. With \overline{AB} of length 4.8 cm as diameter, draw a Circle.

18. Find the perimeter of the fig.



19. Are 32, 48, 70, 210 in proportion?

OR

Divide Rs. 35 between Sonu and Monu in the ratio 5 : 2.

20. Rohit works for $\frac{3}{6}$ of an hour, While Sarthak works for $\frac{3}{4}$ of an hour. Who works for Longer Time?

21. Draw Following angles. (Use Ruler and Compass)

(a) 90°

(b) 30°

22. The area of a rectangular garden 50 m long is 750 m^2 . Find the width of the Garden.

OR

Find the area of a square field of side 800 cm in m^2 .

23. Write the following in ascending and descending order.

$$\frac{1}{8}, \frac{5}{8}, \frac{3}{8}, \frac{7}{8}$$

24. Give Expressions for the following cases :

(a) 29 added to x .

(b) p multiplied by 2, and 3 subtracted from the product

(c) Subtract 11 from 6 times of m .

SECTION-D

25. Rajesh traveled 18km 268m by bus, 7km and 8m by car and 600m on Foot in order to reach his school. How far is his School from his Residence?
26. A motor bike travels 220 km in 5 Liters of Petrol. How much distance will it cover in 1.5 liters of petrol?
27. Shoaib pays Rs. 6500 as rent for 5 months. How much does he has to pay for a whole Year, If the rent per month remains same?
28. For the Following Statements with True (T) or False (F).
- a) $16:24::20:30$
 - b) Perimeter of square= $2 \times \text{length of its side}$
 - c) -26 is Greater than -25
 - d) 1 is the Smallest Positive Integers
 - e) Additive Inverse of -7 is 7.

OR

Manmohan wants to cover the floor of room 4 m wide and 5 m long by squared tiles. If each square tile is of side 0.5 m, then find the number of tiles required to cover the floor of the room.