

Name

ClassVI.....

Roll No.4.....

Time
40 min.Max.
Marks
21Marks
Obtained

Points to Remember

- The perimeter of a rectangle is twice the sum of its length and breadth.
or
Perimeter of a rectangle = $2(\text{length} + \text{breadth})$.
- The perimeter of a square = $4 \times \text{side}$.
- Perimeter of any figure is the sum of the

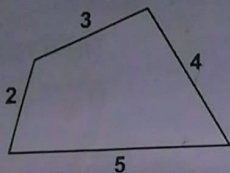
boundary of the figure.

- Perimeter of an equilateral triangle = $3 \times \text{side}$.
- Area of a rectangle is the product of its length and breadth.
- Area of a square is the product of its two sides.

MCQs

Choose the correct answer from the given four options in the following questions 1-18:

1. The perimeter of the following figure is

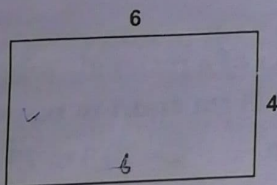


- (A) 14
(C) 9

- (B) 10
(D) 15.

(1)

2. The perimeter of the given figure is



- (A) 20
(C) 15

- (B) 10
(D) 25

(1)

3. _____ is the area of a square with side 5 cm.

- (A) 25 cm^2
(C) 125 cm^2

- (B) 10 cm^2
(D) 100 cm^2 .

(1)

4. If side of a square is 4 cm, then its perimeter is
(A) 12 cm (B) 16 cm
(C) 20 cm (D) 18 cm. (1)

5. _____ is the perimeter of a triangle with sides 4, 6, 8.

- (A) 12
(C) 32

- (B) 18
(D) 20

(1)

6. If the perimeter of a square is 100 cm, then side of the square is

- (A) 10 cm
(C) 20 cm

- (B) 25 cm
(D) 1 cm.

(1)

7. _____ is the perimeter of a regular pentagon with side 2 cm.

- (A) 10 cm
(C) 5 cm

- (B) 50 cm
(D) 15 cm.

(1)

8. The perimeter of an equilateral triangle with side 3 cm is

- (A) 9 cm
(C) 10 cm

- (B) 6 cm
(D) 12 cm.

(1)

9. The area of a rectangle is 32 cm^2 . If the length is 8 cm, then its breadth is

- (A) 4 cm (B) 8 cm
(C) 6 cm (D) 12 cm. (1)

10. The cost of fencing a square park with side 6 m at the rate of ₹ 1 per metre is

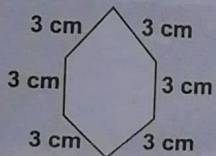
- (A) ₹ 36 (B) ₹ 60
(C) ₹ 12 (D) ₹ 24 (1)

11. If the perimeter of regular hexagon is 360 cm, then its one side is

- (A) 60 cm (B) 36 cm
(C) 10 cm (D) 120 cm. (1)

12. What is the perimeter of the adjoining figure?

- (A) 3 cm (B) 6 cm
(C) 9 cm (D) 18 cm (1)



13. A boy runs 2 rounds around a square park with side 11 m. The total distance covered by him is

- (A) 22 m (B) 44 m
(C) 88 m (D) 11 m. (1)

14. What is the area of a square with side 1 cm?

- (A) 1 cm^2 (B) 10 cm^2
(C) 100 cm^2 (D) 11 cm^2 (1)

15. The perimeter of a square park is 48 m. The area of this park is _____.

- (A) 48 m^2 (B) 12 m^2
(C) 121 m^2 (D) 144 m^2 . (1)

16. Perimeter of a rectangle is equal to

- (A) $2(\text{length} + \text{breadth})$
(B) $4(\text{side})$
(C) $\text{length} \times \text{side}$
(D) $\frac{1}{2}(\text{length} + \text{breadth})$ (1)

17. A student had to find perimeter of a square with side 8 cm. Due to wrong calculation he got the result 24 cm. How much is the wrong result less than the correct result?

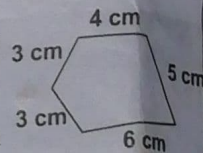
- (A) 8 cm (B) 6 cm
(C) 12 cm (D) 16 cm (1)

18. If the perimeter of a hexagon is 36 cm, then the length of each side will be

- (A) 4 cm (B) 6 cm
(C) 8 cm (D) 7 cm. (1)

19. The perimeter of the adjoining figure is _____.

- (A) 21 cm (B) 2.1 cm
(C) 42 cm (D) 4.2 cm. (1)

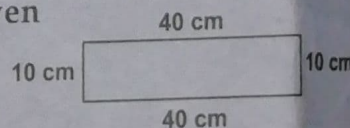


20. The perimeter of a rectangle whose length and breadth are 175 cm and 1 m respectively is:

- (A) 2 m 75 cm (B) 3 m 75 cm
(C) 5 m (D) 5 m 50 cm. (1)

21. The perimeter of given figure is

- (A) 100 cm (B) 400 cm
(C) 50 cm (D) 180 cm. (1)



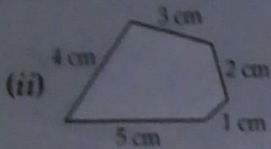
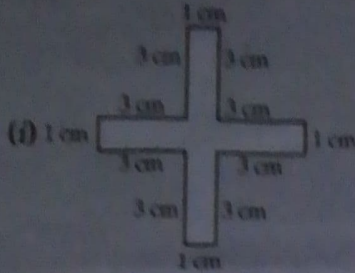
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1. Find the perimeter of the following figures:



(4)

2. Find the perimeter of the following:

- (i) An equilateral triangle with side 7 cm.
 (ii) An isosceles triangle with equal sides measuring 12 cm each and third side 3 cm.

(4)

3. A room has a floor with length 13 m 25 cm and breadth 10 m 85 cm. What is the perimeter of the floor? (2)

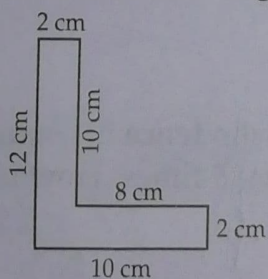
4. What is the length of the frame required for framing a painting with length 1 m 20 cm and breadth 75 cm? (2)

5. Ravi wants to fence his square field with side 22 m 80 cm, 5 times. How much wire does he need? (2)

6. Amit runs around a playground with length 75 m and breadth 45 m. Geeta runs on a square playground with side 82 m. Who covers more distance? (2)

7. The perimeter of a regular hexagon is 360 cm. Find its one side. (2)

8. Calculate the area of the following figure:



(2)

9. Find the area of rectangular fields with sides: (3)
(i) 4 m and 3.5 m (ii) 2 m and 80 cm.

10. What is the cost of tiling a floor with length 40 m and width 20 m at the rate of ₹ 6 per sq. metre? (2)