Name ................................................

| | | Max. Marks 21 | Marks Obtained |
|---|---|---|---|
| Class ....V.I........ | Roll No ....1.... | Time 40 min. | |

## Points to Remember

1. The perimeter of a rectangle is twice the sum of its length and breadth.

or

Perimeter of a rectangle = 2(length + breadth).

2. The perimeter of a square = 4 × side.

3. Perimeter of any figure is the sum of the boundary of the figure.

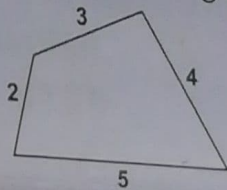4. Perimeter of an equilateral triangle = 3 × side.

5. Area of a rectangle is the product of its length and breadth.

6. 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:
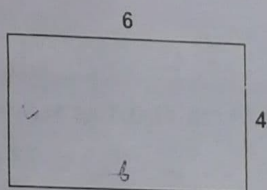
1. The perimeter of the following figure is



(A) 14
(B) 10
(C) 9
(D) 15. (1)

2. The perimeter of the given figure is



(A) 20
(B) 10
(C) 15
(D) 25 (1)

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

(A) 25 cm² 
(B) 10 cm²
(C) 125 cm²
(D) 100 cm². (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
(B) 18
(C) 32
(D) 20 (1)

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

(A) 10 cm
(B) 25 cm
(C) 20 cm
(D) 1 cm. (1)

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

(A) 10 cm
(B) 50 cm
(C) 5 cm
(D) 15 cm. (1)

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

(A) 9 cm
(B) 6 cm
(C) 10 cm
(D) 12 cm. (1)

Summative Assessments

**9.** The area of a rectangle is 32 cm². 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)
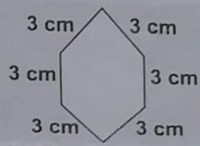
**13.** A boy runs 2 rounds around a square park with side 11 m. The total distance covered by him is

(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 cm²

(B) 10 cm²

(C) 100 cm²

(D) 11 cm²     (1)

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

(A) 48 m²

(B) 12 m²

(C) 121 m²

(D) 144 m².     (1)

**16.** Perimeter of a rectangle is equal to

(A) 2 (length + breadth)

(B) 4 (side)

(C) length × side

(D) $\frac{1}{2}$ (length + 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)
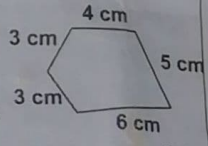
**20.** The perimeter of a rectangle whose length and breadth are 175 cm and 1 m respectively is:

(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)