

Std.: - IV - _____

Date : - _____

L-10 (Geometry), L-11 (Perimeter and Area)

Q-1) Choose the correct option.

- [illegible]

Q-2) Fill in the blanks.

- 1) A triangle has _____ sides.
- 2) The perimeter of a square = _____ $\times$ side
- 3) Circle with same centre are known as _____ circles.
- 4) A rectangle has _____ pairs of equal sides.
- 5) The area of a rectangle = _____ $\times$ _____
- 6) The distance from the centre of a circle to its boundary is called the _____.
- 7) The _____ is twice the radius of a circle.
- 8) A circle has _____ corners.
- 9) A 5 sided polygon is called a _____.
- 10) The _____ is the measure of the flat surface enclosing a figure.

Q-3) Write True or False.

- 1) A square is a special rectangle.
- 2) Perimeter tells how much space a shape covers.
- 3) An octagon is a polygon with 7 sides.
- 4) Area is measured in square units.

- 5) A triangle has four corners.
- 6) A diameter is twice the radius.
- 7) A circle has straight sides.
- 8) Every circle has exactly one centre.
- 9) Bird : Fly :: Fish : Walk
- 10) 11: 121 :: 15 : 425

Q-4) Match the following.

- | | | |
|--------------|----------------------------|----------|
| 1. Triangle | a) 4 equal sides | 1. _____ |
| 2. Rectangle | b) distance around a shape | 2. _____ |
| 3. Square | c) opposite sides equal | 3. _____ |
| 4. Perimeter | d) 3 sides | 4. _____ |

Q-5) Do as directed.

- 1) Find the perimeter of the square whose side is:

a) 8cm

b) 13 cm

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- 2) Find the perimeter of the rectangle whose length and breadth are:

a) 4cm , 2cm

b) 17 cm , 9 cm

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- 3) Find the area of rectangles of dimensions:

a) 24 cm by 19 cm

b) 12 cm by 9 cm

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- 4) What is the length of the side of a square whose perimeter is:

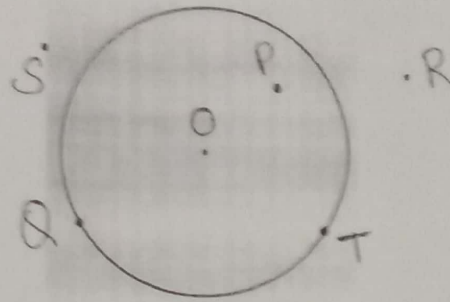
a) 112 cm

b) 96 cm

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5) From the following figure name the points which lie in the:

- Interior of circle
- Exterior of circle
- On its circumference



6) Draw the following:

a) Ray

b) Line segment

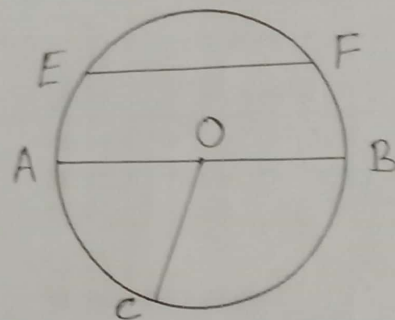
c) Hexagon

d) Octagon

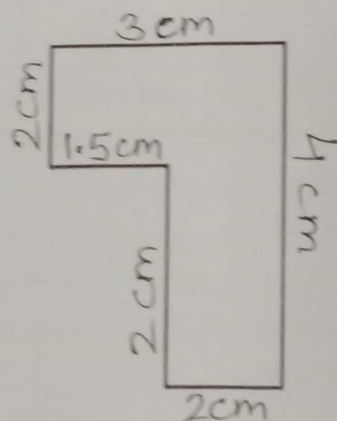
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7) In the figure, name the parts of the circle:

- Centre _____
- Radius _____
- Diameter _____
- Chord _____



8) Find the perimeter of the given figure with the help of given measures:

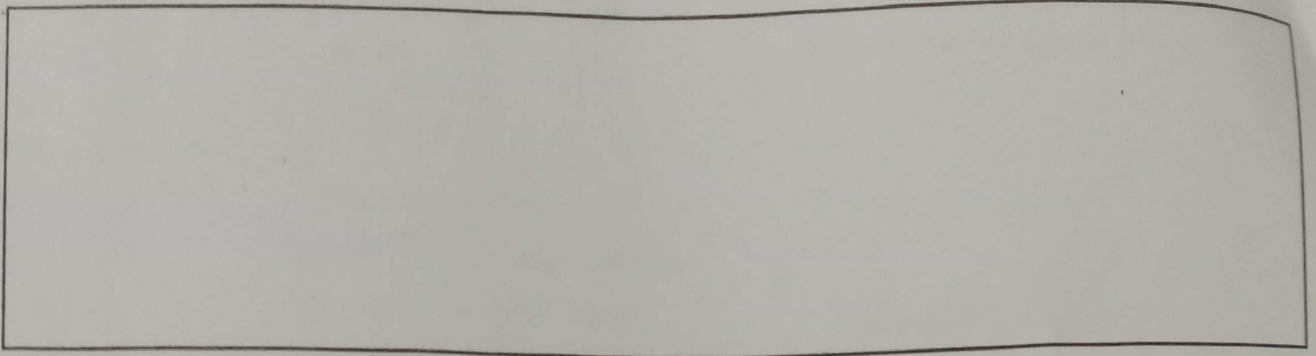


9) Draw a circle whose radius is 3 cm and find its diameter:

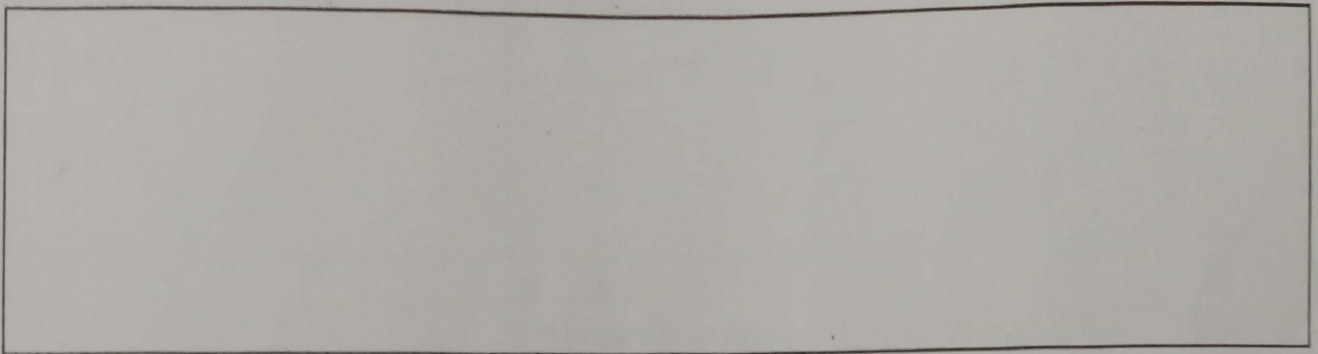
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Q-7. Story sums.

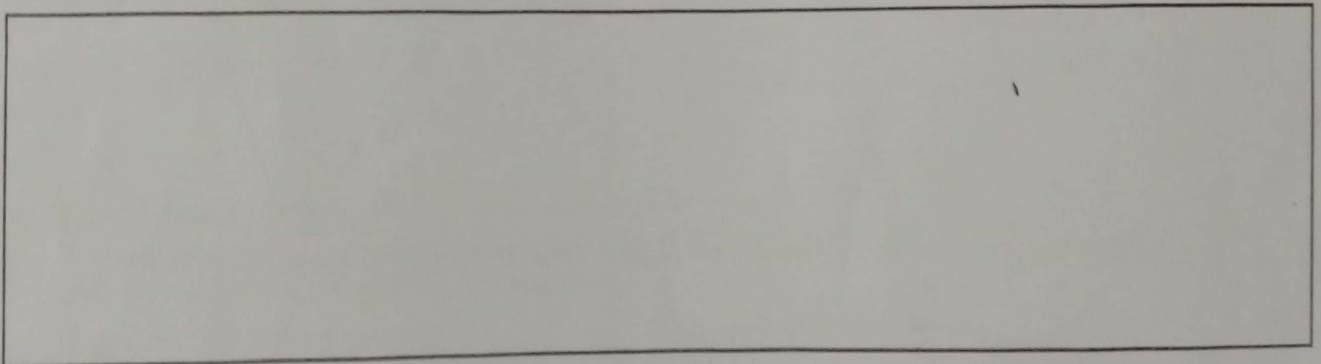
1. The length of a rectangle is 10 cm and breadth is 6 cm. Find its perimeter.



2. A square garden has a side of 12 m. Find its area.



3. Riya wants to put a ribbon around a photo frame of length 9 cm and breadth 5 cm.
How much ribbon does she need?



4. Find the length of a rectangle whose area is 96 sq. cm and breadth is 12 cm.

