CLASS : 4   L # 9 : SHAPES , PATTERNS & NETS   Date : 09 -01-2025

1. Fill in the blanks :

a) A polygon is named according to the number of _____ it has.

b) A polygon with 4 line segments is called a _____ .

c) _____ is a special rectangle in which all four sides are equal.

d) The length of the circle is called its _____ .

e) A line across the circle through the centre is called its _____ .

f) _____is the line between the circumference and centre of the circle.
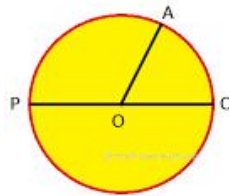
2. Write 'True ' or 'False'

a) The radius is half the diameter.

b) All the radii of a particular circle are of different lengths

c) A circle is a simple closed curve.

d) All closed curves form polygons.

3. Answer the following.

a) If the diameter of a circle is 24cm, the radius is _____ .

b) If the radius of a circle is 15 cm, the diameter is _____ .

4. In the given figure
   Name the centre _____
   Name two radii _____   _____
   Name the diameter _____

5. Put a tick mark (√) on the simple closed curves that are polygons.

6. Tick (√) the reflected shapes.

7. Draw the line/ lines of symmetry.