ZERO PERIOD
We Believe in Learning

1. Convert the following:
   (a) $50cm^2$ to mm^2 (b) 2 *ha* to m^2.

2. Find the area of a square park whose perimeter is $360m^2$.

3. The perimeter of a rectangular sheet is $100cm$ and its length is $28cm$. find its breadth and area.

4. Find the base of the triangle having height $3cm$ and area $36cm^2$.

5. Area of ΔPQR right angled at Q is $60cm^2$. If the smallest side is $8cm$ long, find the length of other two sides. Also find its perimeter.

6. Find the perimeter of a protractor having diameter $10cm$.

7. If the circumference of a circular sheet is $154m$, find the radius and the area of the sheet $(\pi = \frac{22}{7})$

8. A circular pond is surrounded by $2m$ wide circular path. If outer circumference of the circular path is $88m$, find the inner circumference of the circular path. Also find the area of the path.

9. How much distance (in meters) a wheel of radius $25cm$ will cover if it rotates 420 times?

10. Find the circumference of circle whose area is $64\ \pi r^2$.

11. A wire in the shape of an equilateral triangle of side 24 *cm* is bent into the shape of a square, find the side of the square and the area it enclosed.

12. From a rectangular cloth piece of length $2.4m$ and breadth $1.8m$, 10 small pieces of area $26.8cm^2$ each were cut out. What would be the area of cloth that is left?

13. If radius of a circle is tripled, how much will its area increase?

14. A wire of length 176 cm is first bent into a square and then into a circle. Which one will have more area?

15. Find the area of a parallelogram-shaped shaded region. Also, find the area of each triangle. What is the ratio of the area of shaded portion to the remaining area of the rectangle?