| Board –CBSE | Class – 7th | Topic – Perimeter and Area |
|---|---|---|

Q. 1 Find the perimeter and area of a rectangle with length 8 cm and breadth 5 cm .

Soln: Perimeter $= 2 \times (8 + 5) = 26$ cm

Area $= 8 \times 5 = 40$ cm²

Q. 2 Find the perimeter and area of a square of side 6 m .

Soln: Perimeter $= 4 \times 6 = 24$ m

Area $= 6 \times 6 = 36$ m²

Q. 3 Find the area of a triangle with base 10 cm and height 7 cm .

Soln: Area $= \frac{1}{2} \times 10 \times 7 = 35$ cm²

Q. 4 Find the circumference and area of a circle with radius 14 cm (Take $\pi = \frac{22}{7}$ ).

Soln: Circumference $= 2 \times \frac{22}{7} \times 14 = 88$ cm

Area $= \frac{22}{7} \times 14 \times 14 = 616$ cm²

Q. 5 Find the perimeter of a triangle with sides 9 cm, 10 cm, and 7 cm .

Soln: Perimeter $= 9 + 10 + 7 = 26$ cm

Q. 6 A square has a perimeter of 48 cm . Find its side and area.

Soln: Side $= 48 \div 4 = 12$ cm

Area $= 12 \times 12 = 144$ cm²

Q. 7 Find the area of a rectangle whose length is 15 m and breadth is 6 m .

Soln: Area $= 15 \times 6 = 90$ m²

Q. 8 The radius of a circular flower bed is 21 cm . Find the circumference and area (Take $\pi = \frac{22}{7}$ ).

Soln: Circumference $= 2 \times \frac{22}{7} \times 21 = 132$ cm

Area $= \frac{22}{7} \times 21 \times 21 = 1386$ cm²