Short Questions

Q.1: Define a quadrilateral.

Q.2: Write the area and perimeter of a square of sides 'a'.

Q.3: If the perimeter of a square is 40 cm. Find the area of the square.

Q.4: The area of a rectangle is 20 sq. cm and one of its sides is 4 cm long. Find the breadth and the perimeter of the rectangle.

Q.5: A wire rectangle of original size 2 by 3 cm is pressed to form a parallelogram. The included angle is reduced to 30°, find the reduction is area.

Q.6: Find the base of a parallelogram whose area is 256 sq. cm. and height 32 cm.

Q.7: Define a rhombus.

Q.8: Write the area of Rhombus of side 'a' and the included angle 'θ' is given and when two diagonals are given.

Q.9: The diagonals of a rhombus area 40 m and 30 m. Find its area.

Q.10: The perimeter of a Rhombus is 140 cm and one of the opposite angles is 30°, find the area.

Q.11: The diagonals of a Rhombus are 6 and 8 cm respectively. Find the length of the side of Rhombus.

Q.12: Find the area of Trapezoid whose parallel sides are 20 cm and 30 cm and perpendicular distance between them is 4 cm.

Q.13: Define a cyclic quadrilateral and write its area.

Q.14: The sides of a cyclic quadrilateral are 75, 55, 140 and 40 m find its area.

Answers

Q3.	100 sq.cm.	**Q4.**	5 cm. 18 cm.	**Q5.**	3 sq.cm.
Q6.	8 cm	**Q9.**	600 sq.cm	**Q10.**	612.5 sq.cm.
Q11.	5 cm	**Q12.**	100 sq. cm.	**Q14.**	3714.8 sq.m.