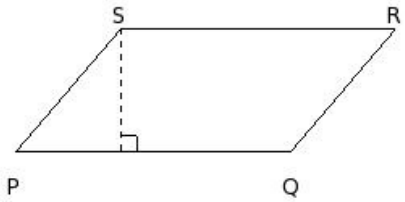
EduSahara™ Assignment

Name : Areas of Parallelograms and Triangles

Chapter : Areas of Parallelograms and Triangles

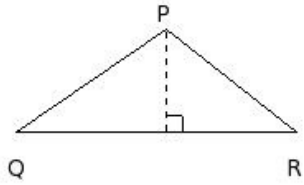
Grade : CBSE Grade IX

1. In parallelogram PQRS, if base PQ = 17.00 cm and the corresponding height is 7.62 cm, then area of the parallelogram =



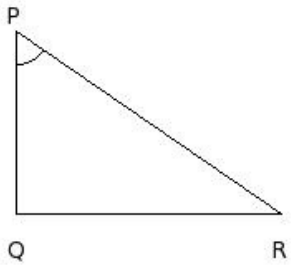
(i) 114.54 sq.cm (ii) 152.54 sq.cm (iii) 116.54 sq.cm (iv) 129.54 sq.cm (v) 143.54 sq.cm

2. In △PQR, if QR = 17 cm, RP = 10 cm and the corresponding height of side QR = 6.15 cm, then area of the triangle =



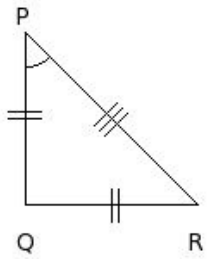
(i) 57.31 sq.cm (ii) 47.31 sq.cm (iii) 55.31 sq.cm (iv) 52.31 sq.cm (v) 49.31 sq.cm

3. In a right angled triangle △PQR, if QR = 16 cm, PQ = 11 cm are the lengths of perpendicular sides , then area of the triangle =



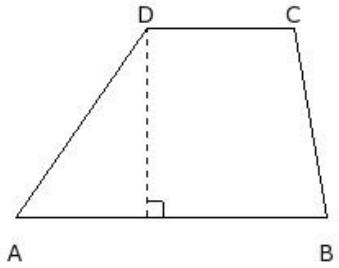
(i) 83.00 sq.cm (ii) 93.00 sq.cm (iii) 85.00 sq.cm (iv) 88.00 sq.cm (v) 91.00 sq.cm

4. In an isosceles right angled triangle △PQR, if QR = 10 cm is one of the equal sides, then area of the triangle =



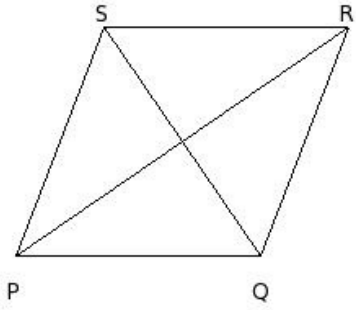
(i) 47.00 sq.cm (ii) 53.00 sq.cm (iii) 50.00 sq.cm (iv) 55.00 sq.cm (v) 45.00 sq.cm

5. In trapezium ABCD, if distance between the parallel sides is 11.54 cm and lengths of the parallel sides AB = 19.00 cm and CD = 9.00 cm, then area of the trapezium =



(i) 178.56 sq.cm (ii) 147.56 sq.cm (iii) 163.56 sq.cm (iv) 161.56 sq.cm (v) 149.56 sq.cm

6. In rhombus PQRS, if diagonals QS = 17.00 cm and PR = 24.72 cm, the area of the rhombus =



(i) 208.12 sq.cm (ii) 210.12 sq.cm (iii) 226.12 sq.cm (iv) 193.12 sq.cm (v) 232.12 sq.cm

Assignment Key

1) (iv)	2) (iv)	3) (iv)	4) (iii)	5) (iv)	6) (ii)