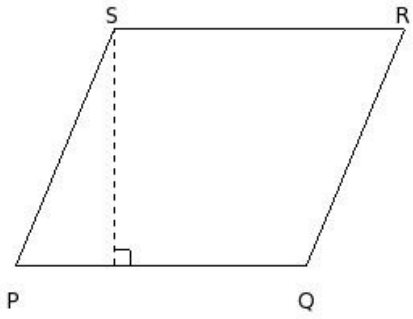
EduSahara™ Assignment

Name : Areas of Parallelograms and Triangles

Chapter : Areas of Parallelograms and Triangles

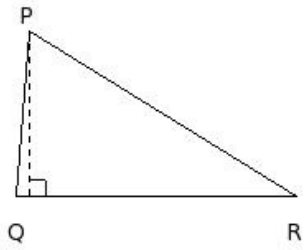
Grade : CBSE Grade IX

1. In parallelogram PQRS, if base PQ = 18.00 cm and the corresponding height is 14.80 cm, then area of the parallelogram =



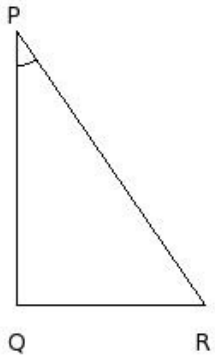
(i) 284.40 sq.cm (ii) 248.40 sq.cm (iii) 283.40 sq.cm (iv) 266.40 sq.cm (v) 252.40 sq.cm

2. In △PQR, if QR = 17 cm, RP = 19 cm and the corresponding height of side QR = 9.97 cm, then area of the triangle =



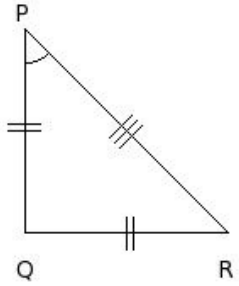
(i) 89.71 sq.cm (ii) 87.71 sq.cm (iii) 79.71 sq.cm (iv) 81.71 sq.cm (v) 84.71 sq.cm

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



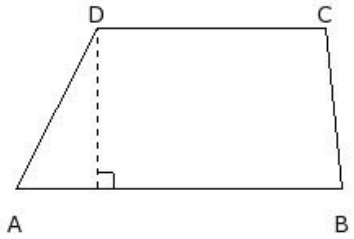
(i) 85.00 sq.cm (ii) 91.00 sq.cm (iii) 88.00 sq.cm (iv) 93.00 sq.cm (v) 83.00 sq.cm

4. In an isosceles right angled triangle △PQR, if QR = 12 cm is one of the equal sides, then area of the triangle =



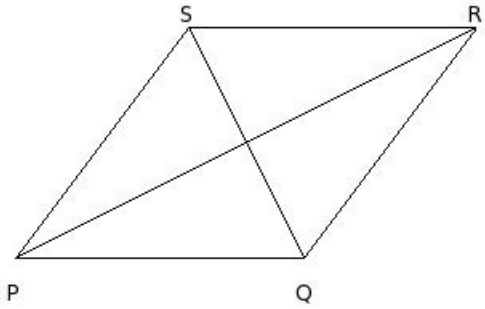
(i) 72.00 sq.cm (ii) 75.00 sq.cm (iii) 69.00 sq.cm (iv) 77.00 sq.cm (v) 67.00 sq.cm

5. In trapezium ABCD, if distance between the parallel sides is 9.84 cm and lengths of the parallel sides AB = 20.00 cm and CD = 14.00 cm, then area of the trapezium =



(i) 181.28 sq.cm (ii) 167.28 sq.cm (iii) 155.28 sq.cm (iv) 184.28 sq.cm

6. In rhombus PQRS, if diagonals QS = 16.00 cm and PR = 32.25 cm, the area of the rhombus =



(i) 286.00 sq.cm (ii) 258.00 sq.cm (iii) 251.00 sq.cm (iv) 263.00 sq.cm (v) 244.00 sq.cm

Assignment Key

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