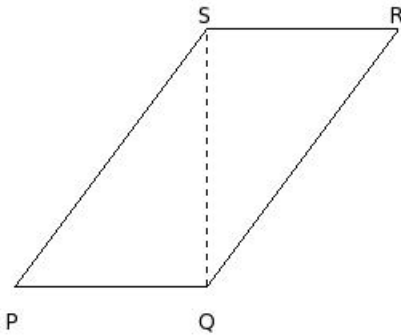


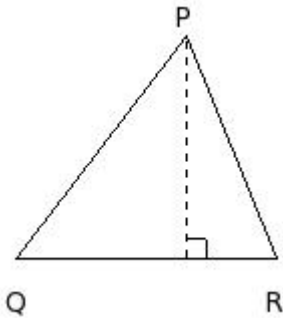
EduSahara™ Learning Center Assignment**Grade : Class IX, CBSE****Chapter : Areas of Parallelograms and Triangles****Name : Areas of Parallelograms and Triangles**

1. In parallelogram PQRS, if base PQ = 12.00 cm and the corresponding height is 16.00 cm, then area of the parallelogram =



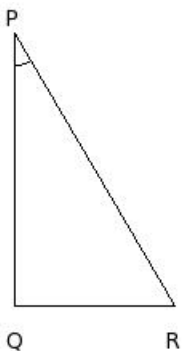
- (i) 192.00 sq.cm (ii) 206.00 sq.cm (iii) 180.00 sq.cm (iv) 207.00 sq.cm (v) 176.00 sq.cm

2. In $\triangle PQR$, if QR = 13 cm, RP = 12 cm and the corresponding height of side QR = 11.12 cm, then area of the triangle =



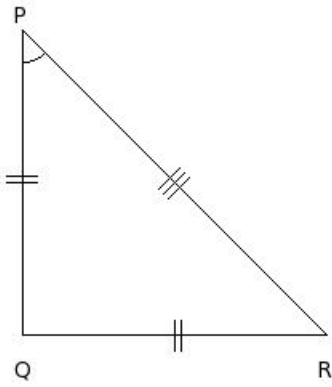
- (i) 72.31 sq.cm (ii) 69.31 sq.cm (iii) 75.31 sq.cm (iv) 67.31 sq.cm (v) 77.31 sq.cm

3. In a right angled triangle $\triangle PQR$, if QR = 10 cm, PQ = 17 cm are the lengths of perpendicular sides, then area of the triangle =



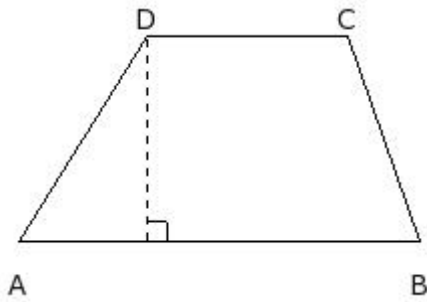
- (i) 85.00 sq.cm (ii) 80.00 sq.cm (iii) 82.00 sq.cm (iv) 88.00 sq.cm (v) 90.00 sq.cm

4. In an isosceles right angled triangle $\triangle PQR$, if QR = 19 cm is one of the equal sides, then area of the triangle =



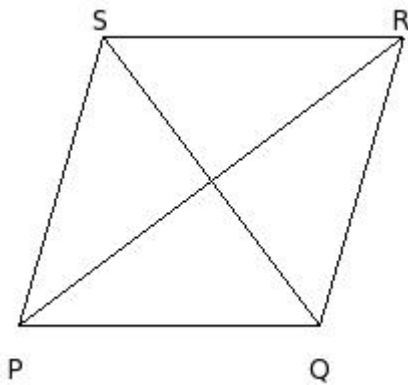
- (i) 184.50 sq.cm (ii) 166.50 sq.cm (iii) 180.50 sq.cm (iv) 208.50 sq.cm (v) 167.50 sq.cm

5. In trapezium ABCD, if distance between the parallel sides is 10.17 cm and lengths of the parallel sides AB = 20.00 cm and CD = 10.00 cm, then area of the trapezium =



- (i) 137.55 sq.cm (ii) 152.55 sq.cm (iii) 179.55 sq.cm (iv) 130.55 sq.cm (v) 154.55 sq.cm

6. In rhombus PQRS, if diagonals QS = 18.00 cm and PR = 24.00 cm, the area of the rhombus =



- (i) 220.00 sq.cm (ii) 192.00 sq.cm (iii) 209.00 sq.cm (iv) 216.00 sq.cm (v) 241.00 sq.cm

Assignment Key

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