EduSahara™ Assignment

Name : Areas of Parallelograms and Triangles

Chapter : Areas of Parallelograms and Triangles

Grade : CBSE Grade IX

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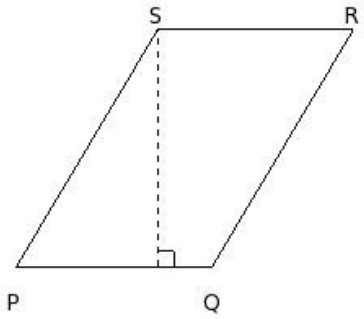
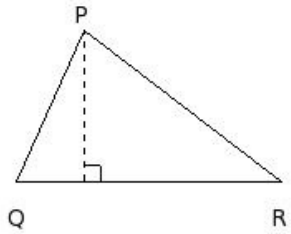
1. In parallelogram PQRS, if base PQ = 12.00 cm and the corresponding height is 14.62 cm, then area of the parallelogram =



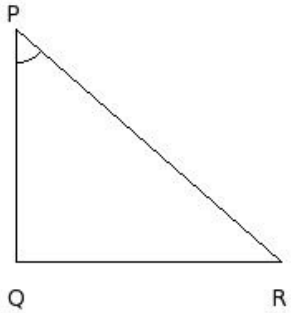
(i) 158.44 sq.cm (ii) 151.44 sq.cm (iii) 192.44 sq.cm (iv) 175.44 sq.cm (v) 193.44 sq.cm

2. In △PQR, if QR = 16 cm, RP = 15 cm and the corresponding height of side QR = 9.12 cm, then area of the triangle =



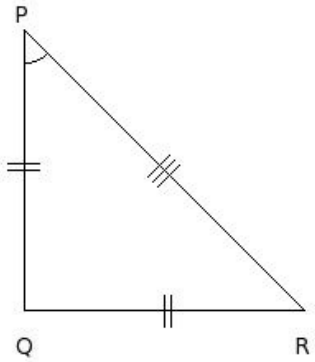
(i) 67.99 sq.cm (ii) 72.99 sq.cm (iii) 77.99 sq.cm (iv) 69.99 sq.cm (v) 75.99 sq.cm

3. In a right angled triangle △PQR, if QR = 16 cm, PQ = 14 cm are the lengths of perpendicular sides , then area of the triangle =



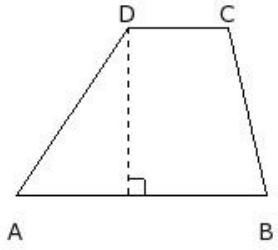
(i) 95.00 sq.cm (ii) 112.00 sq.cm (iii) 96.00 sq.cm (iv) 140.00 sq.cm (v) 120.00 sq.cm

4. In an isosceles right angled triangle △PQR, if QR = 17 cm is one of the equal sides, then area of the triangle =



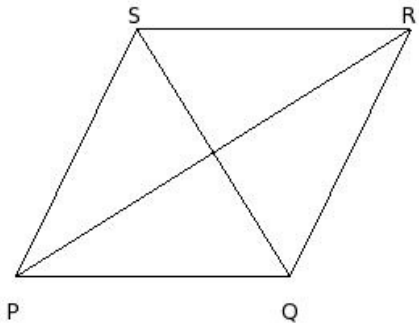
(i) 144.50 sq.cm (ii) 149.50 sq.cm (iii) 171.50 sq.cm (iv) 130.50 sq.cm (v) 122.50 sq.cm

5. In trapezium ABCD, if distance between the parallel sides is 9.98 cm and lengths of the parallel sides AB = 15.00 cm and CD = 6.00 cm, then area of the trapezium =



(i) 89.79 sq.cm (ii) 104.79 sq.cm (iii) 131.79 sq.cm (iv) 90.79 sq.cm (v) 116.79 sq.cm

6. In rhombus PQRS, if diagonals QS = 18.00 cm and PR = 28.84 cm, the area of the rhombus =



(i) 259.56 sq.cm (ii) 244.56 sq.cm (iii) 285.56 sq.cm (iv) 242.56 sq.cm (v) 273.56 sq.cm

Assignment Key

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

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