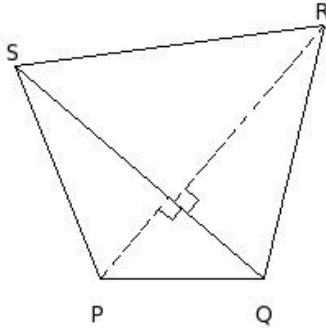


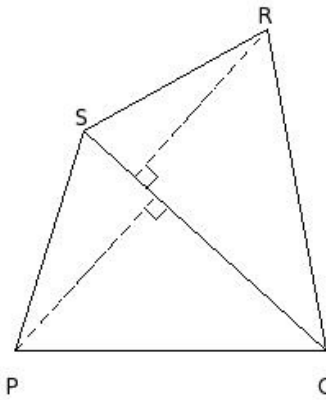


1. In quadrilateral PQRS, if diagonal QS = 20.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 6.50 cm and 14.20 cm respectively, then height of the vertex R to the diagonal QS is



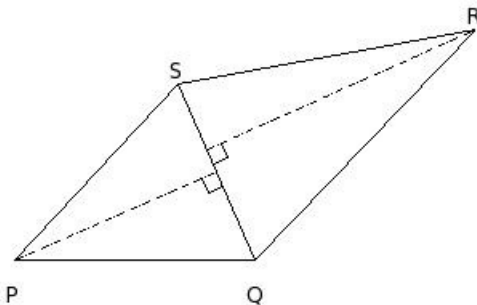
- (i) 14.20 cm (ii) 11.20 cm (iii) 17.20 cm (iv) 19.20 cm (v) 9.20 cm

2. In quadrilateral PQRS, if diagonal QS = 20.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 12.71 cm and 12.29 cm respectively, then area of the quadrilateral =



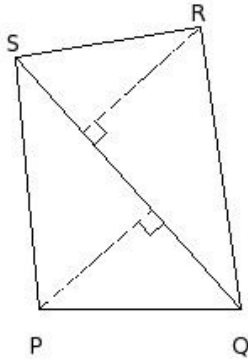
- (i) 236.00 sq.cm (ii) 272.00 sq.cm (iii) 250.00 sq.cm (iv) 263.00 sq.cm (v) 223.00 sq.cm

3. In quadrilateral PQRS, if diagonal QS = 12.00 cm, height of vertex P to the diagonal QS is 13.75 cm and area is 193.44 sq.cm, then height of the vertex R to the diagonal QS is



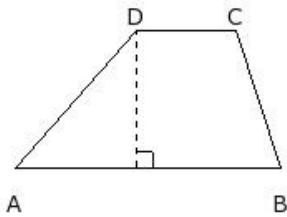
- (i) 13.49 cm (ii) 15.49 cm (iii) 23.49 cm (iv) 21.49 cm (v) 18.49 cm

4. In quadrilateral PQRS, if area is 183.20 sq.cm, height of vertex P to the diagonal QS is 8.97 cm, and height of vertex R to the diagonal QS is 9.35 cm, then diagonal QS =



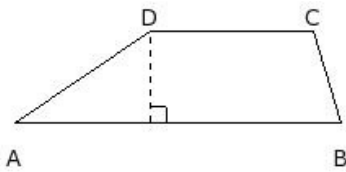
- (i) 25.00 cm (ii) 20.00 cm (iii) 17.00 cm (iv) 23.00 cm (v) 15.00 cm

5. In trapezium ABCD, if distance between the parallel sides is 8.25 cm and lengths of the parallel sides AB = 16.00 cm and CD = 6.00 cm, then area of the trapezium =



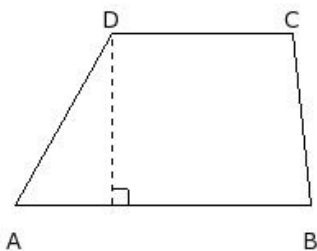
- (i) 93.75 sq.cm (ii) 90.75 sq.cm (iii) 85.75 sq.cm (iv) 95.75 sq.cm (v) 87.75 sq.cm

6. In trapezium ABCD, if area is 84.15 sq.cm and lengths of the parallel sides are AB = 20.00 cm and CD = 10.00 cm, then distance between the parallel sides AB and CD =



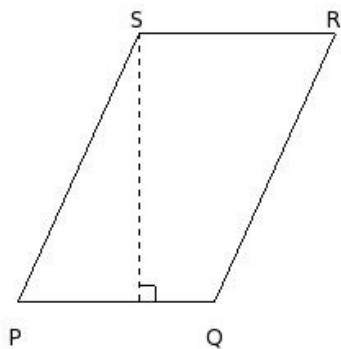
- (i) 5.61 cm (ii) 7.61 cm (iii) 3.61 cm (iv) 6.61 cm (v) 4.61 cm

7. In trapezium ABCD, if one of the parallel sides AB = 18.00 cm and distance between parallel sides AB and CD is 10.46 cm and area is 151.67 sq.cm, then parallel side CD =



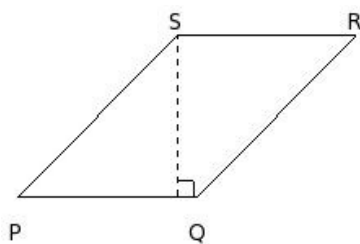
- (i) 14.00 cm (ii) 16.00 cm (iii) 11.00 cm (iv) 6.00 cm (v) 8.00 cm

8. In parallelogram PQRS, if base PQ = 12.00 cm and the corresponding height is 16.38 cm, then area of the parallelogram =



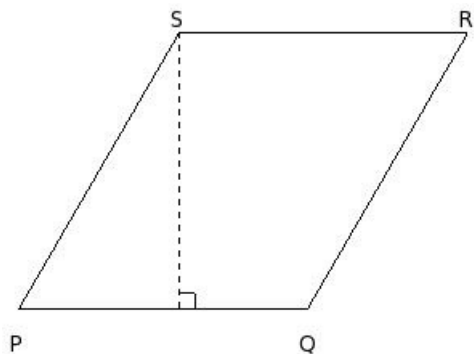
- (i) 183.56 sq.cm (ii) 196.56 sq.cm (iii) 181.56 sq.cm (iv) 214.56 sq.cm (v) 222.56 sq.cm

9. In parallelogram PQRS, if base PQ = 11.00 cm and area is 109.34 sq.cm, the corresponding height to the base PQ is



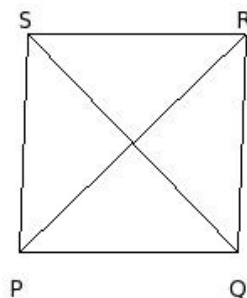
- (i) 11.94 cm (ii) 8.94 cm (iii) 9.94 cm (iv) 7.94 cm (v) 10.94 cm

10. In parallelogram PQRS, if distance between the parallel sides PQ and RS is 17.27 cm and area is 310.86 sq.cm, the base of the parallelogram PQ =



- (i) 21.00 cm (ii) 13.00 cm (iii) 18.00 cm (iv) 15.00 cm (v) 23.00 cm

11. In rhombus PQRS, if diagonals QS = 18.00 cm and PR = 18.76 cm, the area of the rhombus =



- (i) 168.84 sq.cm (ii) 153.84 sq.cm (iii) 162.84 sq.cm (iv) 171.84 sq.cm (v) 185.84 sq.cm

Assignment Key

1) (i)	2) (iii)	3) (v)	4) (ii)	5) (ii)	6) (i)
7) (iii)	8) (ii)	9) (iii)	10) (iii)	11) (i)	