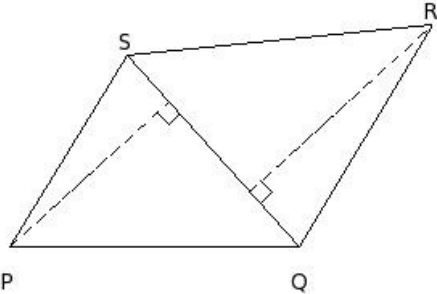


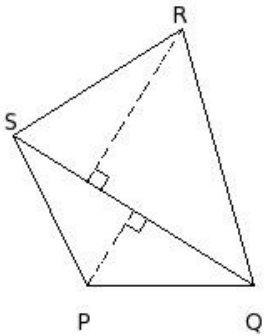


1. In quadrilateral PQRS, if diagonal QS = 16.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 13.42 cm and 15.29 cm respectively, then height of the vertex R to the diagonal QS is



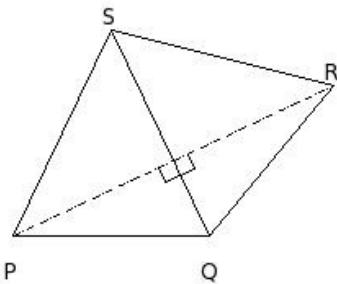
- (i) 10.29 cm (ii) 15.29 cm (iii) 18.29 cm (iv) 20.29 cm (v) 12.29 cm

2. In quadrilateral PQRS, if diagonal QS = 17.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 5.27 cm and 10.81 cm respectively, then area of the quadrilateral =



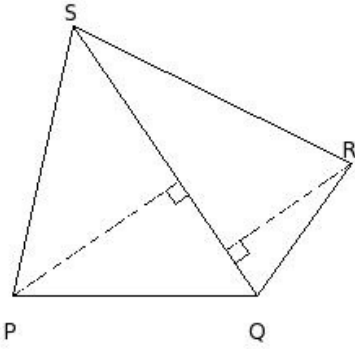
- (i) 120.68 sq.cm (ii) 136.68 sq.cm (iii) 109.68 sq.cm (iv) 148.68 sq.cm (v) 150.68 sq.cm

3. In quadrilateral PQRS, if diagonal QS = 14.00 cm, height of vertex P to the diagonal QS is 10.84 cm and area is 151.76 sq.cm, then height of the vertex R to the diagonal QS is



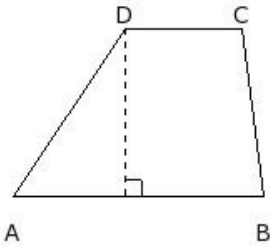
- (i) 10.84 cm (ii) 7.84 cm (iii) 13.84 cm (iv) 15.84 cm (v) 5.84 cm

4. In quadrilateral PQRS, if area is 218.10 sq.cm, height of vertex P to the diagonal QS is 12.43 cm, and height of vertex R to the diagonal QS is 9.38 cm, then diagonal QS =



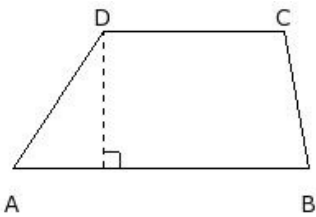
- (i) 23.00 cm (ii) 20.00 cm (iii) 17.00 cm (iv) 25.00 cm (v) 15.00 cm

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 = 7.00 cm, then area of the trapezium =



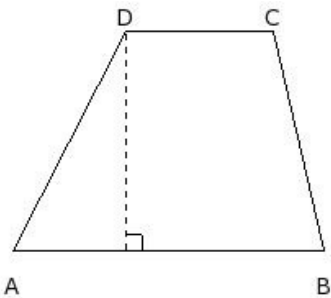
- (i) 83.78 sq.cm (ii) 121.78 sq.cm (iii) 125.78 sq.cm (iv) 94.78 sq.cm (v) 109.78 sq.cm

6. In trapezium ABCD, if area is 120.78 sq.cm and lengths of the parallel sides are AB = 18.00 cm and CD = 11.00 cm, then distance between the parallel sides AB and CD =



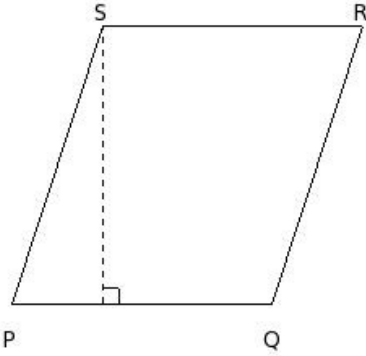
- (i) 9.33 cm (ii) 7.33 cm (iii) 10.33 cm (iv) 6.33 cm (v) 8.33 cm

7. In trapezium ABCD, if one of the parallel sides AB = 19.00 cm and distance between parallel sides AB and CD is 13.32 cm and area is 186.48 sq.cm, then parallel side CD =



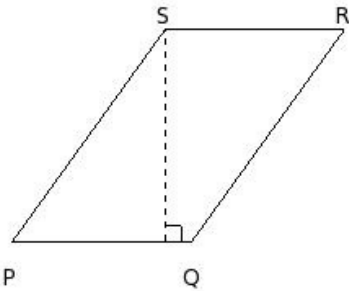
- (i) 9.00 cm (ii) 11.00 cm (iii) 10.00 cm (iv) 7.00 cm (v) 8.00 cm

8. In parallelogram PQRS, if base PQ = 16.00 cm and the corresponding height is 17.10 cm, then area of the parallelogram =



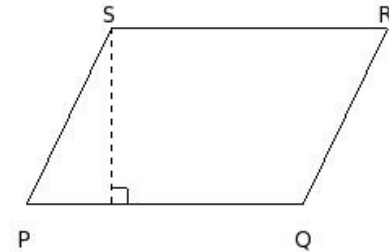
- (i) 279.60 sq.cm (ii) 273.60 sq.cm (iii) 286.60 sq.cm (iv) 258.60 sq.cm (v) 250.60 sq.cm

9. In parallelogram PQRS, if base PQ = 11.00 cm and area is 142.01 sq.cm, the corresponding height to the base PQ is



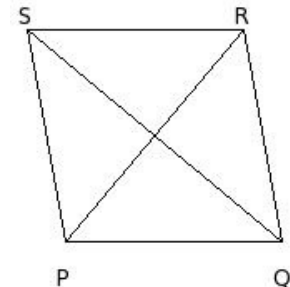
- (i) 7.91 cm (ii) 17.91 cm (iii) 9.91 cm (iv) 12.91 cm (v) 15.91 cm

10. In parallelogram PQRS, if distance between the parallel sides PQ and RS is 10.81 cm and area is 183.77 sq.cm, the base of the parallelogram PQ =



- (i) 20.00 cm (ii) 22.00 cm (iii) 17.00 cm (iv) 14.00 cm (v) 12.00 cm

11. In rhombus PQRS, if diagonals QS = 20.00 cm and PR = 16.61 cm, the area of the rhombus =



- (i) 161.10 sq.cm (ii) 190.10 sq.cm (iii) 174.10 sq.cm (iv) 166.10 sq.cm (v) 152.10 sq.cm

Assignment Key

1) (ii)

2) (ii)

3) (i)

4) (ii)

5) (v)

6) (v)

7) (i)

8) (ii)

9) (iv)

10) (iii)

11) (iv)