

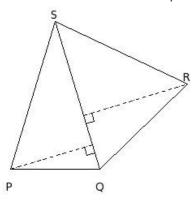
Name : Quadrilaterals

Chapter: Area and Perimeter

Grade: SSC Grade VII

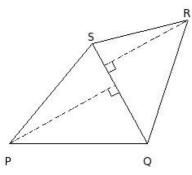
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In quadrilateral PQRS, if diagonal QS = 19.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 10.53 cm and 13.32 cm respectively, then height of the vertex R to the diagonal QS is



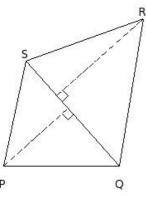
(i) 16.32 cm (ii) 8.32 cm (iii) 18.32 cm (iv) 13.32 cm (v) 10.32 cm

2. In quadrilateral PQRS, if diagonal QS = 14.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 14.90 cm and 11.62 cm respectively, then area of the quadrilateral =



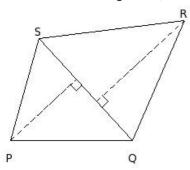
(i) 187.64 sq.cm (ii) 177.64 sq.cm (iii) 161.64 sq.cm (iv) 185.64 sq.cm (v) 199.64 sq.cm

3. In quadrilateral PQRS, if diagonal QS = 17.00 cm, height of vertex P to the diagonal QS is 10.47 cm and area is 207.31 sq.cm, then height of the vertex R to the diagonal QS is



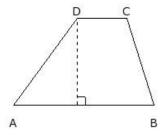
(i) 13.92 cm (ii) 18.92 cm (iii) 16.92 cm (iv) 8.92 cm (v) 10.92 cm

4. In quadrilateral PQRS, if area is 218.20 sq.cm, height of vertex P to the diagonal QS is 11.05 cm, and height of vertex R to the diagonal QS is 14.62 cm, then diagonal QS =



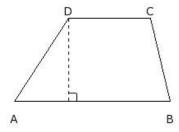
(i) 20.00 cm (ii) 22.00 cm (iii) 17.00 cm (iv) 14.00 cm (v) 12.00 cm

5. In trapezium ABCD, if distance between the parallel sides is 10.47 cm and lengths of the parallel sides AB = 17.00 cm and CD = 6.00 cm, then area of the trapezium =



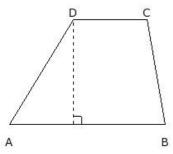
(i) 105.41 sq.cm (ii) 148.41 sq.cm (iii) 120.41 sq.cm (iv) 102.41 sq.cm (v) 127.41 sq.cm

6. In trapezium ABCD, if area is 145.73 sq.cm and lengths of the parallel sides are AB = 19.00 cm and CD = 10.00 cm, then distance between the parallel sides AB and CD = 10.00 cm.



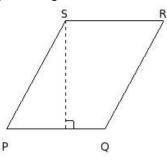
(i) 7.05 cm (ii) 10.05 cm (iii) 5.05 cm (iv) 13.05 cm (v) 15.05 cm

7. In trapezium ABCD, if one of the parallel sides AB = 19.00 cm and distance between parallel sides AB and CD is 12.80 cm and area is 179.20 sq.cm, then parallel side CD =



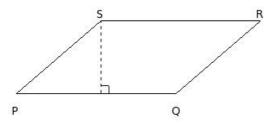
(i) 9.00 cm (ii) 10.00 cm (iii) 8.00 cm (iv) 7.00 cm (v) 11.00 cm

8. In parallelogram PQRS, if base PQ = 12.00 cm and the corresponding height is 13.15 cm, then area of the parallelogram =



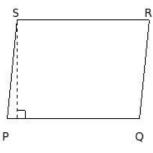
(i) 132.80 sq.cm (ii) 164.80 sq.cm (iii) 153.80 sq.cm (iv) 157.80 sq.cm (v) 173.80 sq.cm

 $_{9}$ . In parallelogram PQRS, if base PQ = 20.00 cm and area is 181.20 sq.cm, the corresponding height to the base PQ is



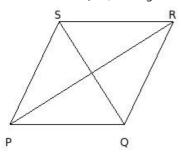
(i) 9.06 cm (ii) 11.06 cm (iii) 10.06 cm (iv) 7.06 cm (v) 8.06 cm

10. In parallelogram PQRS, if distance between the parallel sides PQ and RS is 11.94 cm and area is 191.04 sq.cm, the base of the parallelogram PQ =



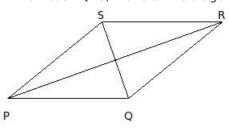
(i) 19.00 cm (ii) 11.00 cm (iii) 21.00 cm (iv) 16.00 cm (v) 13.00 cm

11. In rhombus PQRS, if diagonals QS = 15.00 cm and PR = 23.64 cm, the area of the rhombus =



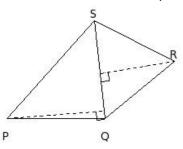
(i) 159.30 sq.cm (ii) 184.30 sq.cm (iii) 177.30 sq.cm (iv) 202.30 sq.cm

12. In rhombus PQRS, if one of the diagonals QS = 10.00 cm and area is 141.40 sq.cm, the diagonal PR = 10.00 cm and PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm and PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm and PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm area is 141.40 sq.cm, the diagonal PR = 10.00 cm are PR = 10.



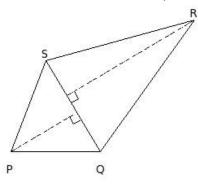
(i) 25.28 cm (ii) 28.28 cm (iii) 31.28 cm (iv) 23.28 cm (v) 33.28 cm

In quadrilateral PQRS, if diagonal QS = 12.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 11.93 cm and 9.22 cm respectively, then height of the vertex R to the diagonal QS is



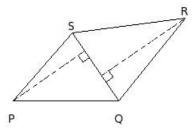
(i) 9.22 cm (ii) 10.22 cm (iii) 8.22 cm (iv) 11.22 cm (v) 7.22 cm

14. In quadrilateral PQRS, if diagonal QS = 13.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 9.46 cm and 18.33 cm respectively, then area of the quadrilateral =



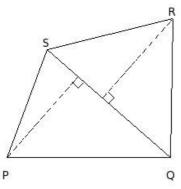
(i) 153.64 sq.cm (ii) 184.64 sq.cm (iii) 203.64 sq.cm (iv) 178.64 sq.cm (v) 180.64 sq.cm

In quadrilateral PQRS, if diagonal QS = 10.00 cm, height of vertex P to the diagonal QS is 10.69 cm and area is 115.85 sq.cm, then height of the vertex R to the diagonal QS is

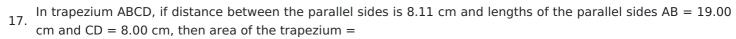


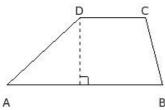
(i) 15.48 cm (ii) 17.48 cm (iii) 7.48 cm (iv) 12.48 cm (v) 9.48 cm

16. In quadrilateral PQRS, if area is 262.20 sq.cm, height of vertex P to the diagonal QS is 13.11 cm, and height of vertex R to the diagonal QS is 13.11 cm, then diagonal QS =

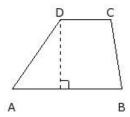


(i) 20.00 cm (ii) 17.00 cm (iii) 15.00 cm (iv) 25.00 cm (v) 23.00 cm

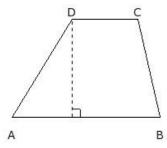




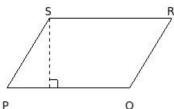
- (i) 115.48 sq.cm (ii) 136.48 sq.cm (iii) 109.48 sq.cm (iv) 97.48 sq.cm (v) 92.48 sq.cm
- In trapezium ABCD, if area is 78.09 sq.cm and lengths of the parallel sides are AB = 13.00 cm and CD = 6.00 cm, then distance between the parallel sides AB and CD = 6.00 cm,



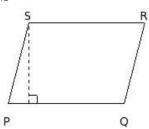
- (i) 8.22 cm (ii) 6.22 cm (iii) 7.22 cm (iv) 9.22 cm (v) 10.22 cm
- 19. In trapezium ABCD, if one of the parallel sides AB = 18.00 cm and distance between parallel sides AB and CD is 11.93 cm and area is 155.09 sq.cm, then parallel side CD =



- (i) 6.00 cm (ii) 9.00 cm (iii) 7.00 cm (iv) 10.00 cm (v) 8.00 cm
- In parallelogram PQRS, if base PQ = 15.00 cm and the corresponding height is 8.54 cm, then area of the parallelogram =

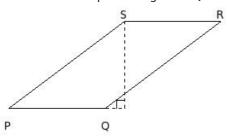


- (i) 136.10 sq.cm (ii) 153.10 sq.cm (iii) 115.10 sq.cm (iv) 102.10 sq.cm (v) 128.10 sq.cm
- 21. In parallelogram PQRS, if base PQ = 14.00 cm and area is 135.38 sq.cm, the corresponding height to the base PQ is



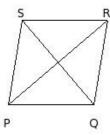
(i) 10.67 cm (ii) 11.67 cm (iii) 7.67 cm (iv) 8.67 cm (v) 9.67 cm

22. In parallelogram PQRS, if distance between the parallel sides PQ and RS is 10.72 cm and area is 128.64 sq.cm, the base of the parallelogram PQ =



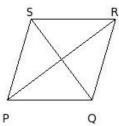
(i) 9.00~cm (ii) 12.00~cm (iii) 15.00~cm (iv) 17.00~cm (v) 7.00~cm

23. In rhombus PQRS, if diagonals QS = 13.00 cm and PR = 15.20 cm, the area of the rhombus =



(i) 95.80 sq.cm (ii) 103.80 sq.cm (iii) 98.80 sq.cm (iv) 93.80 sq.cm (v) 101.80 sq.cm

24. In rhombus PQRS, if one of the diagonals QS = 12.00 cm and area is 96.00 sq.cm, the diagonal PR = 12.00 cm and PR =



(i) 11.00 cm (ii) 19.00 cm (iii) 13.00 cm (iv) 21.00 cm (v) 16.00 cm

Assignment Key					
1) (iv)	2) (iv)	3) (i)	4) (iii)	5) (iii)	6) (ii)
7) (i)	8) (iv)	9) (i)	10) (iv)	11) (iii)	12) (ii)
13) (i)	14) (v)	15) (iv)	16) (i)	17) (iii)	18) (i)
19) (v)	20) (v)	21) (v)	22) (ii)	23) (iii)	24) (v)

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