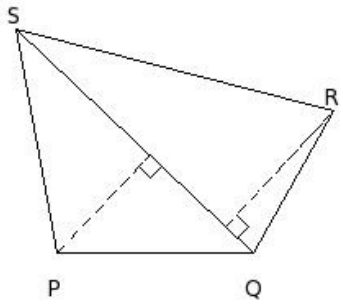
EduSahara™ Assignment

Name : Quadrilaterals

Chapter : Perimeter and Area

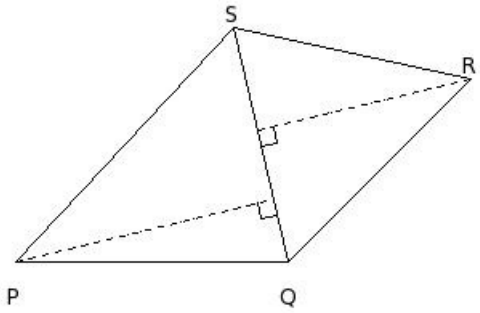
Grade : CBSE Grade VII

1. In quadrilateral PQRS, if diagonal QS = 20.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 8.26 cm and 9.68 cm respectively, then height of the vertex R to the diagonal QS is



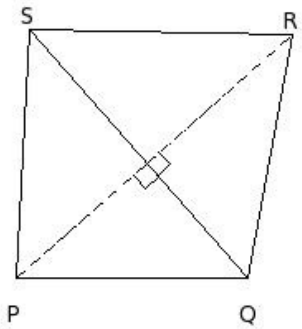
(i) 10.68 cm (ii) 7.68 cm (iii) 11.68 cm (iv) 9.68 cm (v) 8.68 cm

2. In quadrilateral PQRS, if diagonal QS = 15.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 16.57 cm and 13.53 cm respectively, then area of the quadrilateral =



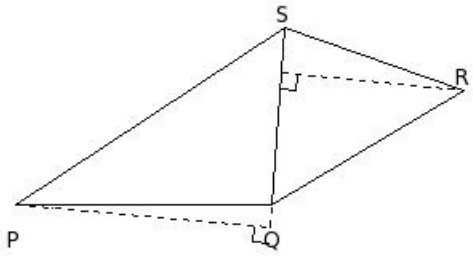
(i) 240.75 sq.cm (ii) 201.75 sq.cm (iii) 225.75 sq.cm (iv) 248.75 sq.cm (v) 217.75 sq.cm

3. In quadrilateral PQRS, if diagonal QS = 20.00 cm, height of vertex P to the diagonal QS is 10.49 cm and area is 223.20 sq.cm, then height of the vertex R to the diagonal QS is



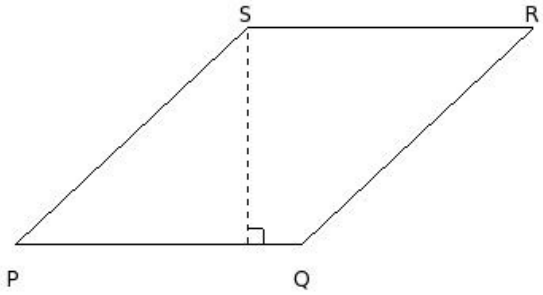
(i) 6.83 cm (ii) 16.83 cm (iii) 8.83 cm (iv) 14.83 cm (v) 11.83 cm

4. In quadrilateral PQRS, if area is 151.52 sq.cm, height of vertex P to the diagonal QS is 15.97 cm, and height of vertex R to the diagonal QS is 11.58 cm, then diagonal QS =



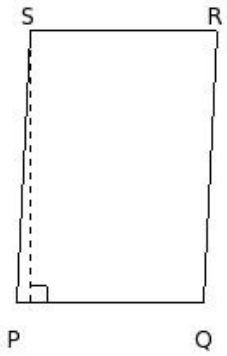
(i) 11.00 cm (ii) 8.00 cm (iii) 14.00 cm (iv) 16.00 cm (v) 6.00 cm

5. In parallelogram PQRS, if base PQ = 18.00 cm and the corresponding height is 13.60 cm, then area of the parallelogram =



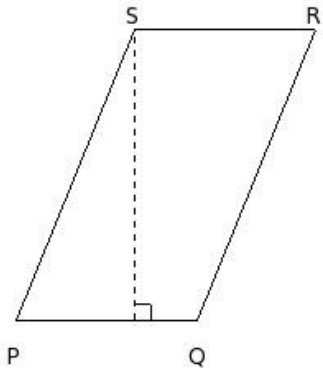
(i) 259.80 sq.cm (ii) 272.80 sq.cm (iii) 236.80 sq.cm (iv) 220.80 sq.cm (v) 244.80 sq.cm

6. In parallelogram PQRS, if base PQ = 11.00 cm and area is 175.78 sq.cm, the corresponding height to the base PQ is



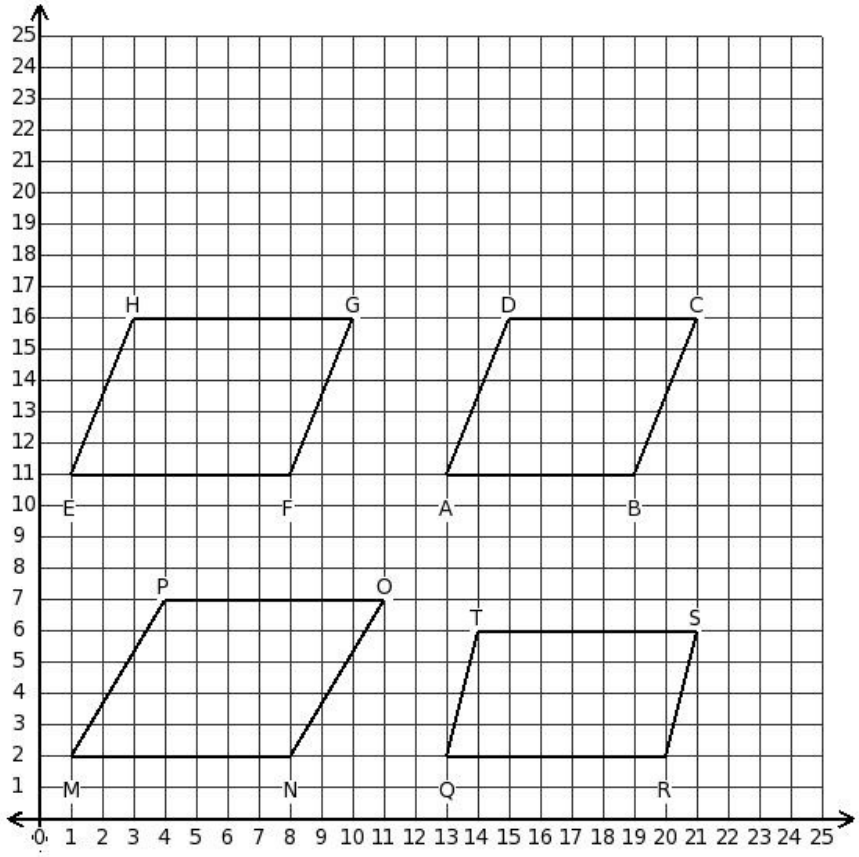
(i) 15.98 cm (ii) 12.98 cm (iii) 20.98 cm (iv) 10.98 cm (v) 18.98 cm

7. In parallelogram PQRS, if distance between the parallel sides PQ and RS is 17.59 cm and area is 193.49 sq.cm, the base of the parallelogram PQ =



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

8. Consider the following parallelograms. Which two parallelograms have the same area?



(i) MNOP and QRST (ii) ABCD and QRST (iii) EFGH and QRST (iv) EFGH and MNOP (v) ABCD and EFGH

Assignment Key

1) (iv)	2) (iii)	3) (v)	4) (i)	5) (v)	6) (i)
7) (iii)	8) (iv)				