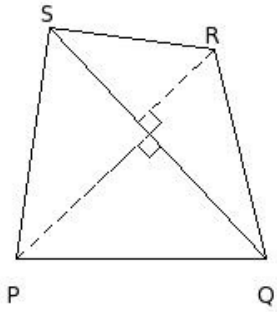
EduSahara™ Assignment

Name : Quadrilaterals

Chapter : Perimeter and Area

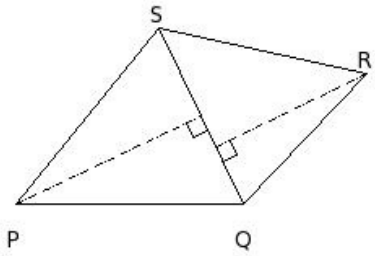
Grade : CBSE Grade VII

1. In quadrilateral PQRS, if diagonal QS = 19.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 10.94 cm and 6.40 cm respectively, then height of the vertex R to the diagonal QS is



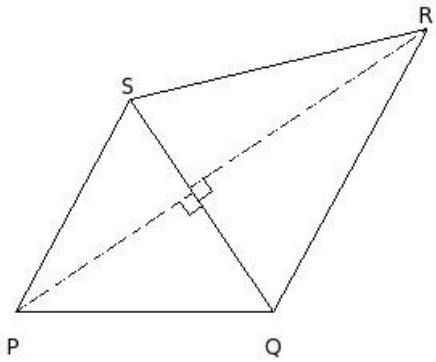
(i) 7.40 cm (ii) 4.40 cm (iii) 8.40 cm (iv) 5.40 cm (v) 6.40 cm

2. In quadrilateral PQRS, if diagonal QS = 12.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 12.65 cm and 10.25 cm respectively, then area of the quadrilateral =



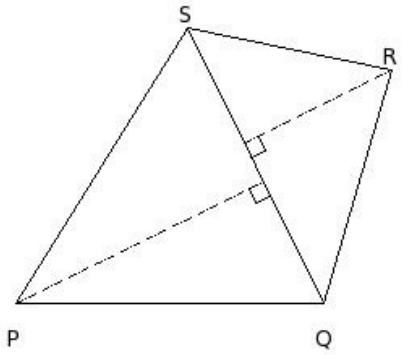
(i) 164.40 sq.cm (ii) 142.40 sq.cm (iii) 124.40 sq.cm (iv) 137.40 sq.cm (v) 123.40 sq.cm

3. In quadrilateral PQRS, if diagonal QS = 16.00 cm, height of vertex P to the diagonal QS is 13.25 cm and area is 248.00 sq.cm, then height of the vertex R to the diagonal QS is



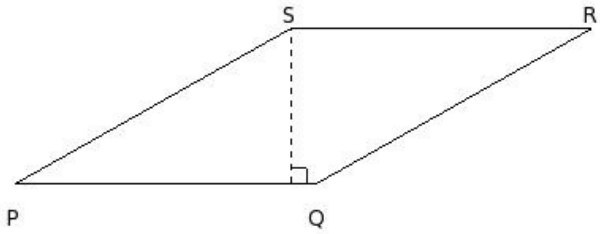
(i) 14.75 cm (ii) 22.75 cm (iii) 12.75 cm (iv) 17.75 cm (v) 20.75 cm

4. In quadrilateral PQRS, if area is 258.78 sq.cm, height of vertex P to the diagonal QS is 17.01 cm, and height of vertex R to the diagonal QS is 10.23 cm, then diagonal QS =



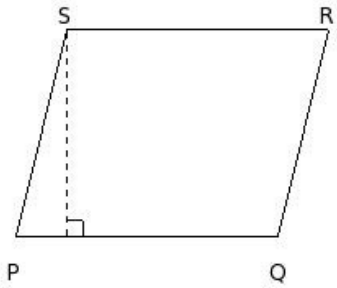
(i) 14.00 cm (ii) 22.00 cm (iii) 16.00 cm (iv) 19.00 cm (v) 24.00 cm

5. In parallelogram PQRS, if base PQ = 19.00 cm and the corresponding height is 9.87 cm, then area of the parallelogram =



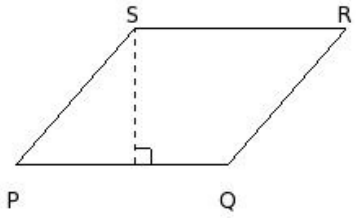
(i) 194.53 sq.cm (ii) 199.53 sq.cm (iii) 187.53 sq.cm (iv) 165.53 sq.cm (v) 172.53 sq.cm

6. In parallelogram PQRS, if base PQ = 16.00 cm and area is 201.76 sq.cm, the corresponding height to the base PQ is



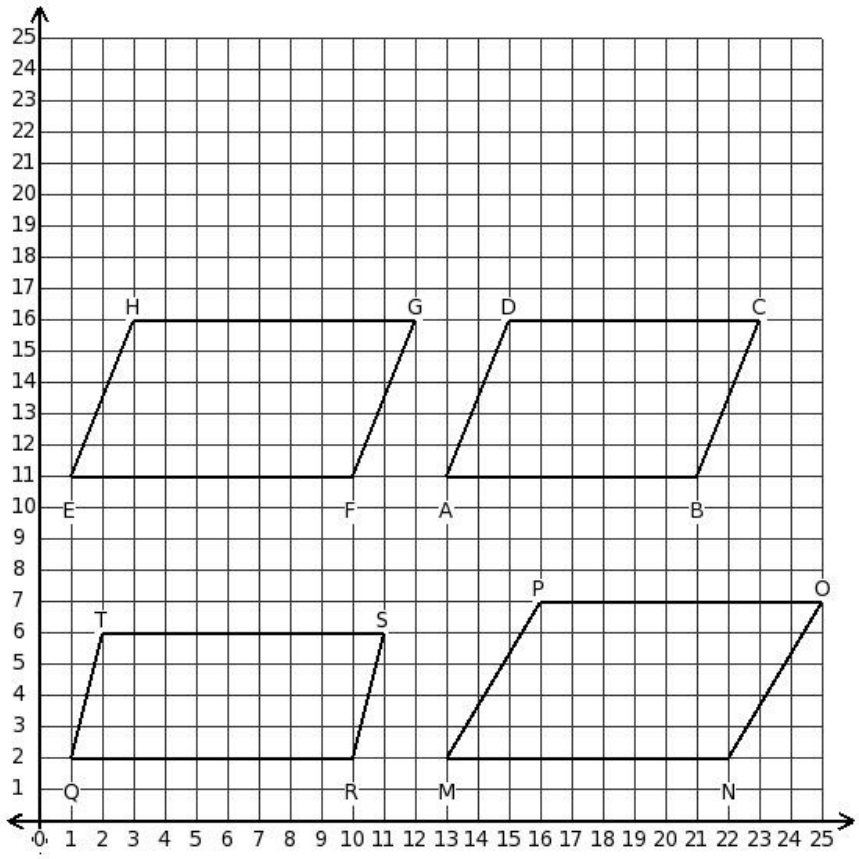
(i) 15.61 cm (ii) 17.61 cm (iii) 7.61 cm (iv) 9.61 cm (v) 12.61 cm

7. In parallelogram PQRS, if distance between the parallel sides PQ and RS is 8.22 cm and area is 106.86 sq.cm, the base of the parallelogram PQ =



(i) 16.00 cm (ii) 10.00 cm (iii) 18.00 cm (iv) 8.00 cm (v) 13.00 cm

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



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

Assignment Key

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