



Understanding shapes-III special types of quadrilaterals Ex 17.3 Q13

Answer :

(i) Rhombus, parallelogram, rectangle and square

(ii) Rhombus and square

(iii) Rectangle and square

Understanding shapes-III special types of quadrilaterals Ex 17.3 Q14

Answer :

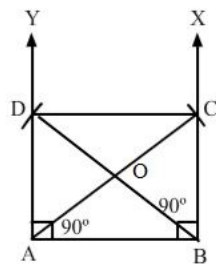
(i) Construct a triangle ABC right angle at B.

(ii) Suppose O is the mid point of AC.

(iii) Complete the rectangle ABCD having AC as its diagonal.

Since diagonals of a rectangle are equal and they bisect each other, O is the midpoint of both AC and BD.

$\therefore OA = OB = OC$



Understanding shapes-III special types of quadrilaterals Ex 17.3 Q15

Answer :

(i) By measuring each angle - Each angle of a rectangle is 90° .

(ii) By measuring the length of the diagonals - Diagonals of a rectangle are equal.

(iii) By measuring the sides of rectangle - Each pair of opposite sides are equal.

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