



Exercise 17B

Step 3: Draw an arc of length 4.8 cm from point Q and name that point as P .

Step 4: Draw an arc of length 6 cm from point R , cutting the previous arc at P .

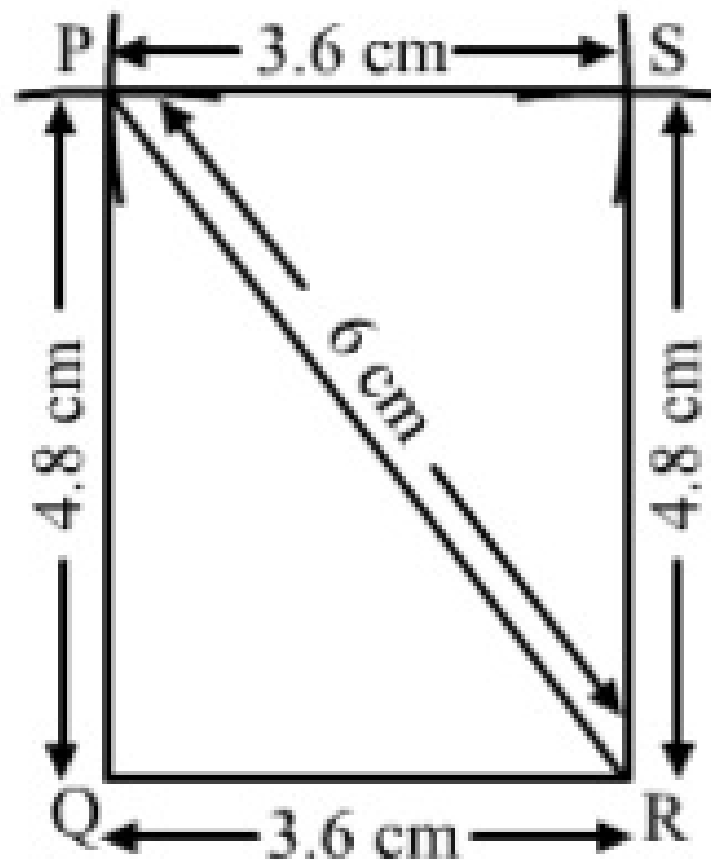
Step 5: Join PQ .

Step 6: Draw an arc of length 4.8 cm from point R .

From point P , draw an arc of length 3.6 cm, cutting the previous arc. Name that point as S .

Step 7: Join P and S .

Thus, $PQRS$ is the required rectangle. The other side is 4.8 cm in length.



Q12

Answer :

We know that the diagonals of a rhombus bisect each other.

.Steps of construction:

Step 1: Draw $AC = 6\text{ cm}$

Step 2: Draw a perpendicular bisector(XY) of AC , which bisects AC at O .

Step 3:

$$OB = \frac{1}{2}(8) \text{ cm}$$

$$OB = 4 \text{ cm}$$

$$\text{and } OD = \frac{1}{2}(8) \text{ cm}$$

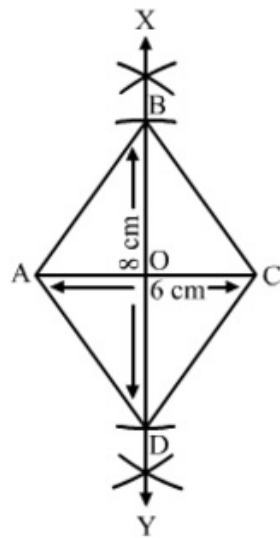
$$OD = 4 \text{ cm}$$

Draw an arc of length 4 cm on OX and name that point as B .

Draw an arc of length 4 cm on OY and name that point as D .

Step 4 : Join AB , BC , CD and AD .

Thus, $ABCD$ is the required rhombus, as shown in the figure.



Q13

Answer :

Steps of construction:

Step 1: Draw $AB = 4\text{ cm}$

Step 2: With B as the centre, draw an arc of 4 cm.

***** END *****