

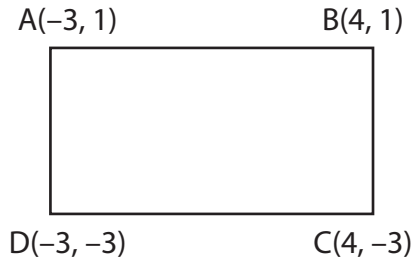
Name : _____

Score : _____

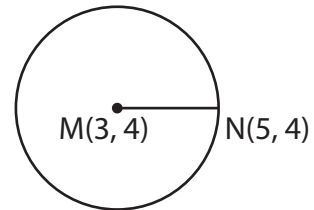
Distance Formula - Shapes

Sheet 1

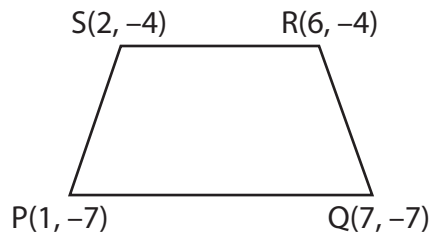
- 1) Find the length of the diagonal AC.



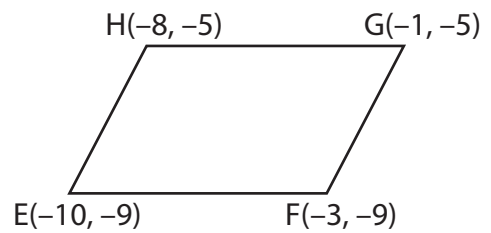
- 2) Find the radius of the circle.



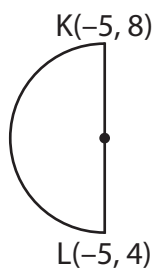
- 3) Find the length of the side PQ.



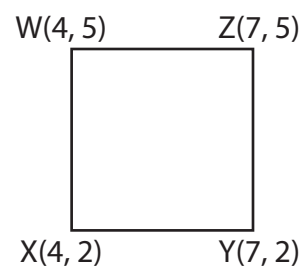
- 4) Find the length of the diagonal EG.



- 5) Find the diameter of the semicircle.



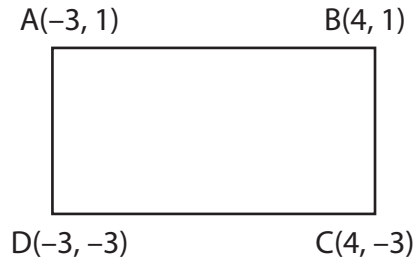
- 6) Find the length of the side XY.



Distance Formula - Shapes

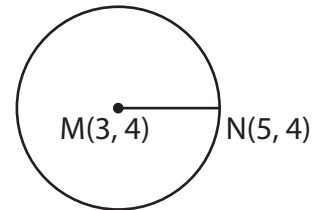
Sheet 1

- 1) Find the length of the diagonal AC.



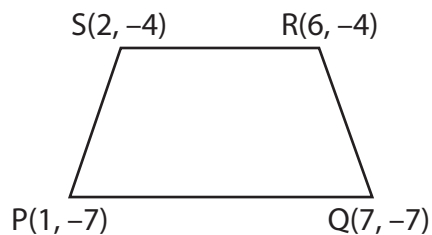
$$AC = \sqrt{65} \approx 8.06 \text{ units}$$

- 2) Find the radius of the circle.



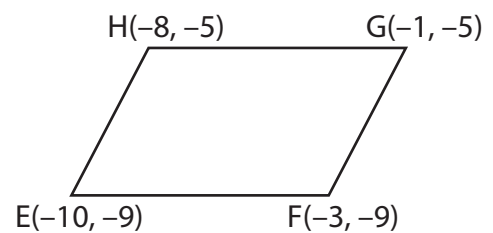
$$MN = 2 \text{ units}$$

- 3) Find the length of the side PQ.



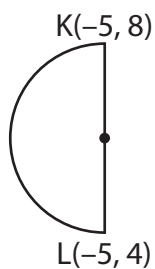
$$PQ = 6 \text{ units}$$

- 4) Find the length of the diagonal EG.



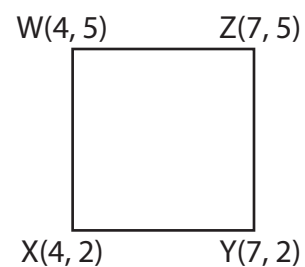
$$EG = \sqrt{97} \approx 9.85 \text{ units}$$

- 5) Find the diameter of the semicircle.



$$KL = 4 \text{ units}$$

- 6) Find the length of the side XY.



$$XY = 3 \text{ units}$$
