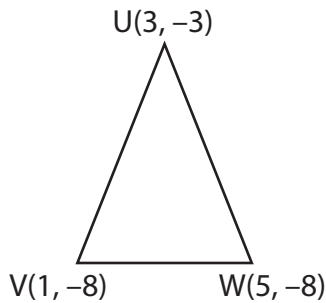
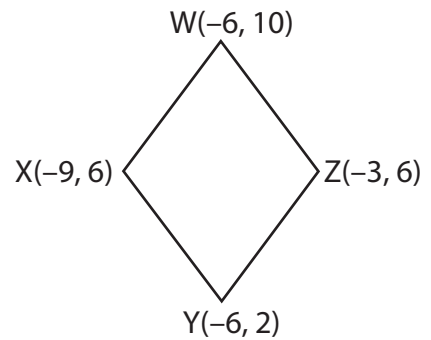


Distance Formula - Shapes

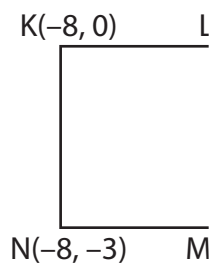
1) Find the length of the side UV.



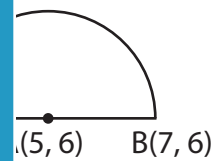
2) Find the length of the diagonal WY.



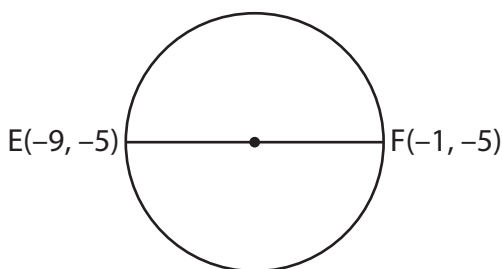
3) Find the length of the side KL.



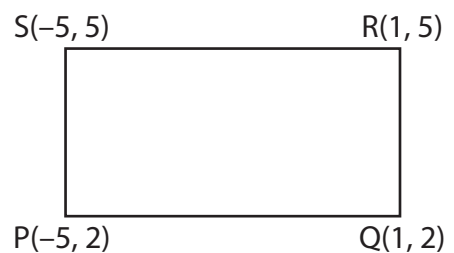
4) Find the radius of the semicircle.



5) Find the diameter of the circle.



6) Find the length of the side SR.



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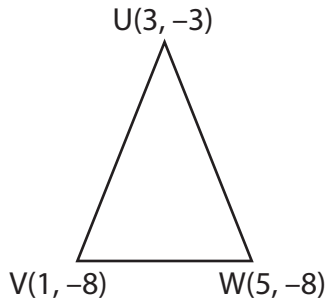
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Distance Formula - Shapes

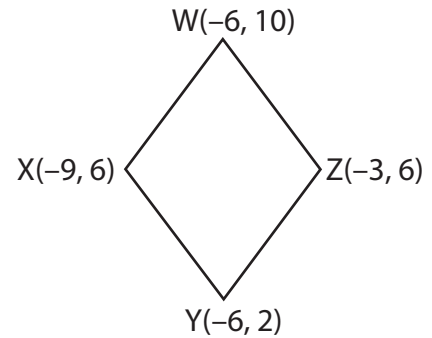
Sheet 2

- 1) Find the length of the side UV.



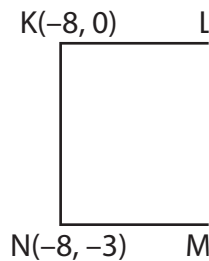
$$UV = \sqrt{29} \approx 5.39 \text{ units}$$

- 2) Find the length of the diagonal WY.



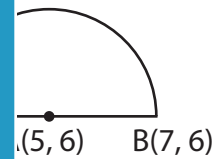
$$WY = 8 \text{ units}$$

- 3) Find the length of the side LN.



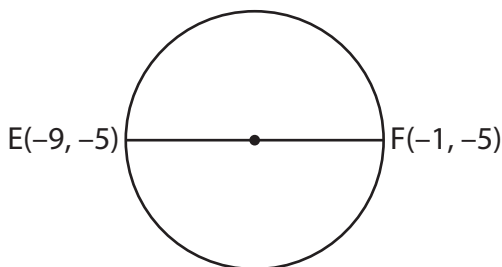
$$LN = \sqrt{18} \approx 4.24 \text{ units}$$

- 4) Find the radius of the semicircle.



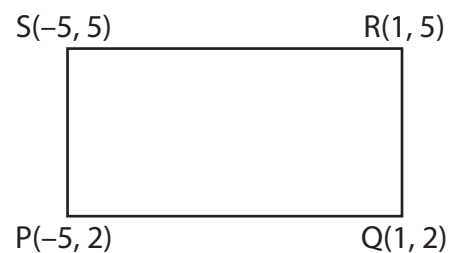
$$r = 2 \text{ units}$$

- 5) Find the diameter of the circle.



$$EF = 8 \text{ units}$$

- 6) Find the length of the side SR.



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

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