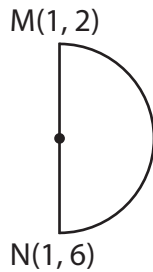


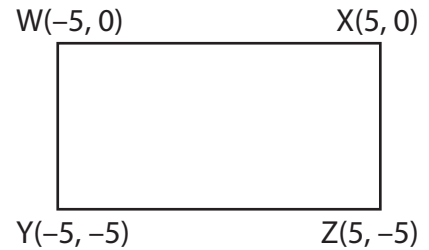
## Distance Formula - Shapes

Sheet 4

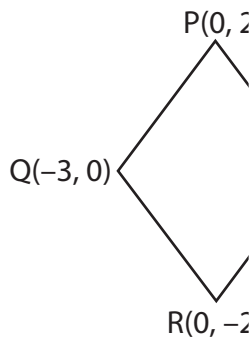
1) Find the diameter of the semicircle.



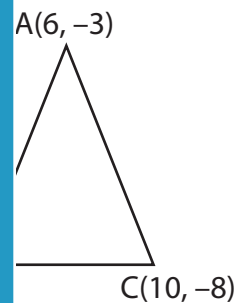
2) Find the length of the side WX.



3) Find the length of the side PQ.

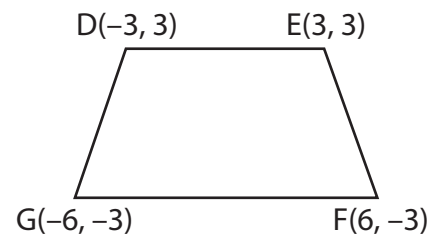
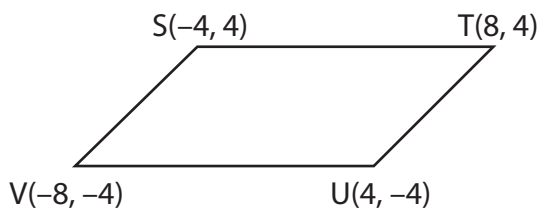


4) Find the length of the side AC.



5) Find the length of the side SU.

6) Find the length of the side FG.



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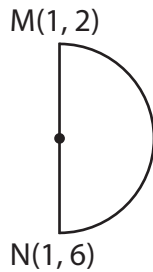
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## Distance Formula - Shapes

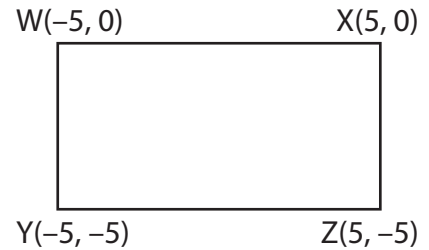
Sheet 4

- 1) Find the diameter of the semicircle.



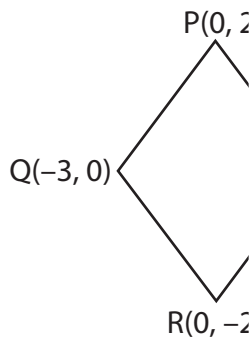
$$\underline{MN = 4 \text{ units}}$$

- 2) Find the length of the side WX.



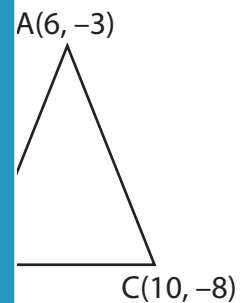
$$\underline{WX = 10 \text{ units}}$$

- 3) Find the length of the side PQ.



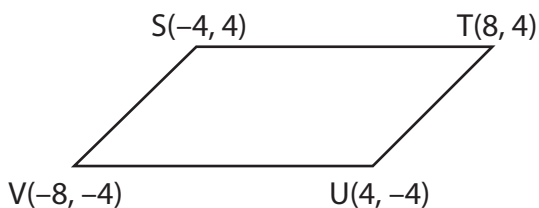
$$\underline{PQ = \sqrt{13} \approx 3.61}$$

- 4) Find the length of the side AC.



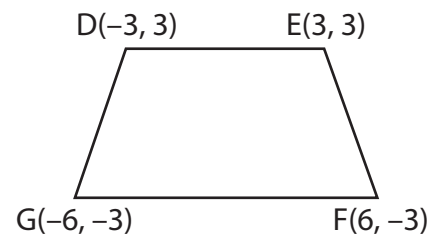
$$\underline{AC \approx 6.4 \text{ units}}$$

- 5) Find the length of the side SV.



$$\underline{SV = \sqrt{80} \approx 8.94 \text{ units}}$$

- 6) Find the length of the side FG.



$$\underline{FG = 12 \text{ units}}$$

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