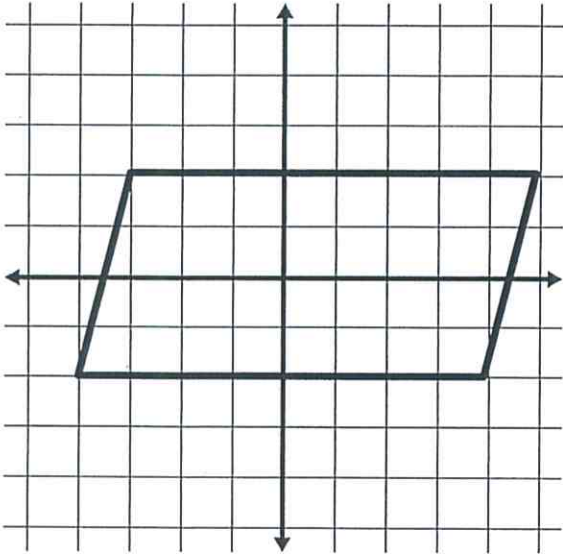


For questions 15-19, label the vertices as given and then fill in the questions to the right.

15. Parallelogram STEM



Complete the following statements with sides or angles from the parallelogram stating the theorem or definition that allows you to make your statement.

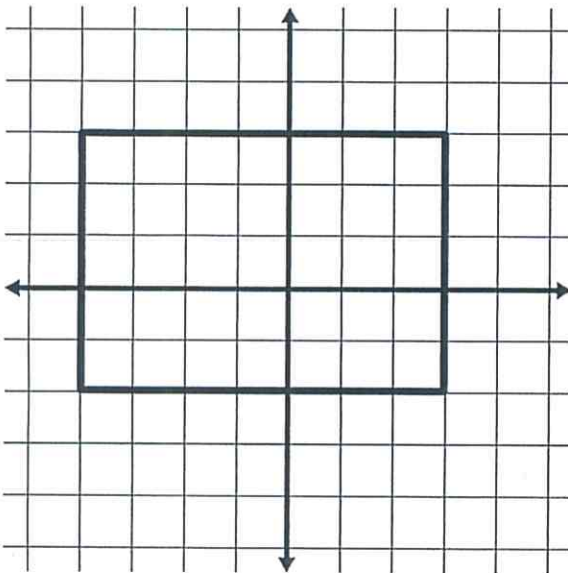
- $\underline{\hspace{1cm}} \parallel \underline{\hspace{1cm}}$
- Why:  $\underline{\hspace{4cm}}$

- $\underline{\hspace{1cm}} \cong \underline{\hspace{1cm}}$
- Why:  $\underline{\hspace{4cm}}$

- $\underline{\hspace{2cm}}$  are supplementary
- Why:  $\underline{\hspace{4cm}}$

- $\angle \underline{\hspace{1cm}} \cong \underline{\hspace{1cm}}$
- Why:  $\underline{\hspace{4cm}}$

16. Rectangle CART



Complete the following statements with sides or angles from the rectangle stating the theorem or definition that allows you to make your statement.

- $\underline{\hspace{1cm}} \perp \underline{\hspace{1cm}}$
- Why:  $\underline{\hspace{4cm}}$

- $\underline{\hspace{1cm}} \cong \underline{\hspace{1cm}}$
- Why:  $\underline{\hspace{4cm}}$

- $\underline{\hspace{1cm}} \parallel \underline{\hspace{1cm}}$
- Why:  $\underline{\hspace{4cm}}$

- $\angle \underline{\hspace{1cm}} \cong \underline{\hspace{1cm}}$
- Why:  $\underline{\hspace{4cm}}$