



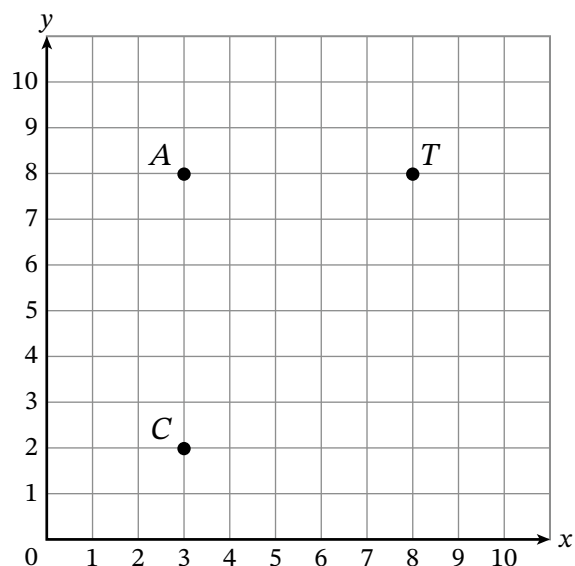
# 14

Name \_\_\_\_\_

Date \_\_\_\_\_

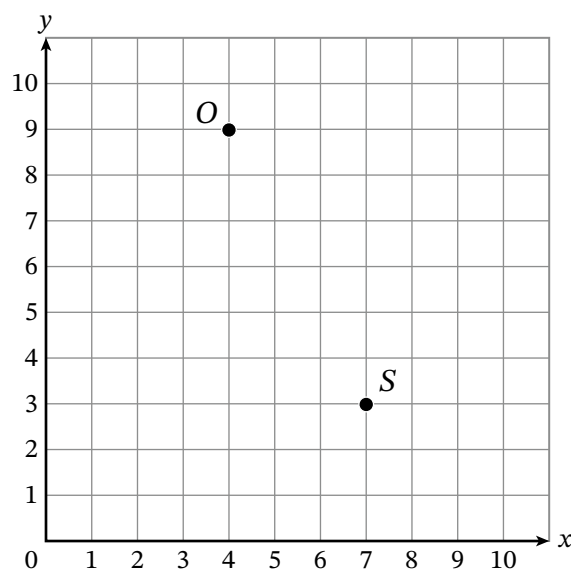
1. Points  $C$ ,  $A$ , and  $T$  are three of the vertices of a rectangle.

- Plot the fourth vertex of the rectangle. Label the point  $S$ .
- What are the coordinates of point  $S$ ?
- Points  $A$  and  $T$  have the same \_\_\_\_-coordinate because they are on the same horizontal line.
- Points  $A$  and  $C$  have the same \_\_\_\_-coordinate because they are on the same vertical line.



2. Points  $O(4, 9)$  and  $S(7, 3)$  are opposite vertices of a rectangle.

- Plot the other two vertices of the rectangle. Label the points  $D$  and  $G$ .
- Draw rectangle  $DOGS$ .
- What are the coordinates of points  $D$  and  $G$ ?
- What are the length and width of rectangle  $DOGS$ ?



**REMEMBER**

3. Draw a model to represent the expression. Then divide.

$$6 \div \frac{1}{6} =$$

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4. The inside of a planter is shaped like a right rectangular prism. The inside of the planter is 2 feet long, 4 feet wide, and 3 feet high. What is the volume of the inside of the planter?