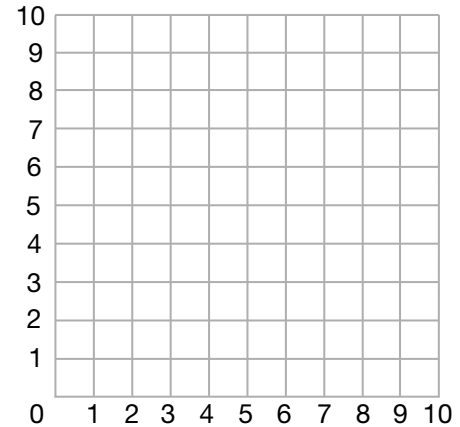


# Shapes on Coordinate Grids

Angela is designing a flag for her adventure club. She used the following ordered pairs to create the shape of the flag:  $(2,2)$ ,  $(8,2)$ , and  $(5,8)$ .

What shape is the flag going to be?  
Mark the location of the ordered pairs on the coordinate grid to the right. Label  $(2,2)$  as  $A$ . Label  $(8,2)$  as  $B$ . Label  $(5,8)$  as  $C$ .



Draw a line from  $A$  to  $B$ .  
Draw a line from  $B$  to  $C$ .  
Draw a line from  $C$  to  $A$ .

The shape of the flag is a triangle.

What is the length of the base of the triangle?

Measure the length of  $\overline{AB}$ .

There are 6 units from  $(2,2)$  to  $(8,2)$ .

The length of the base of the triangle is 6 units.

- 1. Number Sense** Can you make a quadrilateral with three ordered pairs? Explain your answer.

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Find each set of ordered pairs using a coordinate grid.  
Name the shape.

2.  $(2, 4)$ ,  $(7, 4)$ ,  $(5, 9)$  \_\_\_\_\_
3.  $(4, 3)$ ,  $(13, 3)$ ,  $(4, 6)$ ,  $(13, 6)$  \_\_\_\_\_
4.  $(2, 6)$ ,  $(6,6)$ ,  $(2, 2)$ ,  $(6, 2)$  \_\_\_\_\_