

## Reflection Across the $y$ -axis

Point	Original Ordered Pair	Ordered Pair after Reflection over the $y$ -axis
A		
B		
C		
D		
E		
F		

What do you notice about the crane?

What do you notice about the ordered pairs?

Can you create a rule to describe what happens to ordered pairs when you reflect across the  $y$ -axis?

Now that we've reflected across the y-axis, can you predict what will happen when you reflect across the x-axis?

### Reflection Across the *x-axis*

Point	Original Ordered Pair	Ordered Pair after Reflection across the x-axis
A		
B		
C		
D		
E		
F		

What do you notice about the crane?

What do you notice about the ordered pairs?

Can you create a rule to describe what happens to ordered pairs when you reflect across the x-axis?