

**The Quadrants of the coordinate plane**

**and**

**Reflecting a point across the x- or y- axis**

**Connect**

**making a coordinate plane**

I do

**Naming the quadrants**

I do

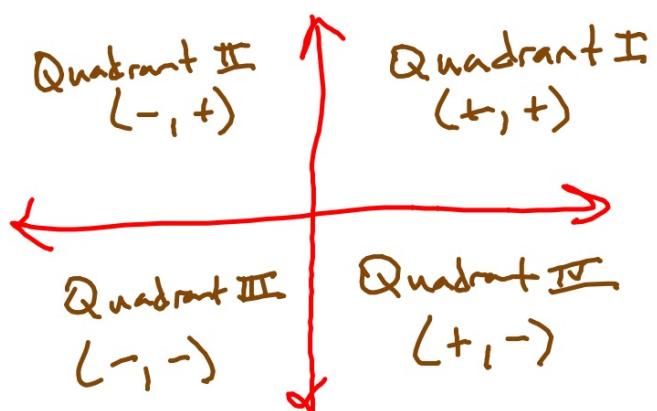
① Reflect the point  $(-3, 5)$   
across the  $x$ -axis and ② write  
the reflection's ordered pair.  
what quadrant is the reflection in? ③

I do

Reflect the point  $(-2, -6)$   
across the y-axis and write  
the reflection's ordered pair.  
What quadrant is the reflection in?

We do

## Quadrants of Coordinate plane



I do

Reflect the point  $(4, -1)$

across the y-axis and write  
the reflection's ordered pair.  
what quadrant is the reflection in?

I do

Reflect the point  $(-3, -4)$   
across the  $y$ -axis and write  
the reflection's ordered pair.  
What quadrant is the reflection in?

**You do together  
on whiteboard**

**Plot the point  $(1, -6)$  on the coord.  
plane. Then, reflect the point  
over the x-axis.**

**What are the new coordinates,  
and what quadrant is it in?**

**You do alone on  
index card**

**Plot the point  $(-4, -2)$  on the coord. plane.  
Then, reflect the point over the y-axis.**

**What are the new coordinates, and what  
quadrant is it in?**