

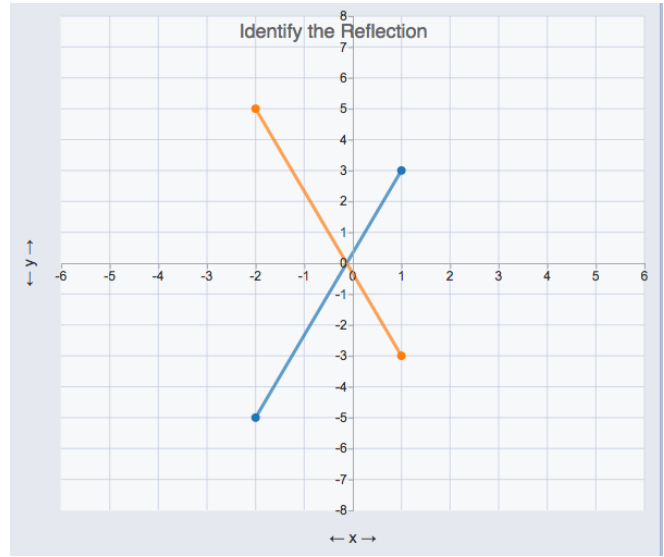
Reflections 1 Assessment

Name: _____

Date: _____

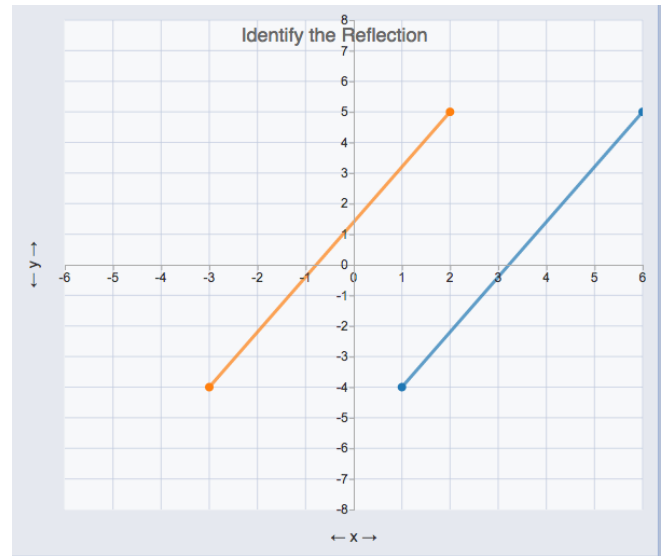
1. Identify the reflection represented in the graph and explain your answer in the space provided.
 - a. Reflection over x-axis
 - b. Reflection over y-axis
 - c. Not a reflection

Explain your answer:



2. Identify the reflection represented in the graph and explain your answer in the space provided.
 - a. Reflection over x-axis
 - b. Reflection over y-axis
 - c. Not a reflection

Explain your answer:

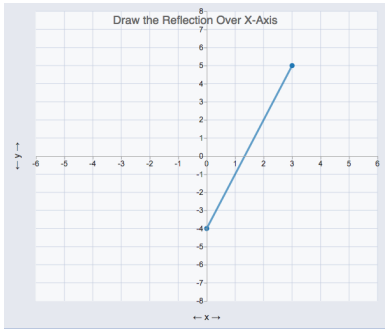


3. Identify the reflection represented in the graph and explain your answer in the space provided.
 - a. Reflection over x-axis
 - b. Reflection over y-axis
 - c. Not a reflection

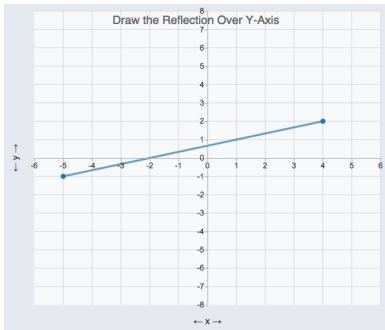
Explain your answer:



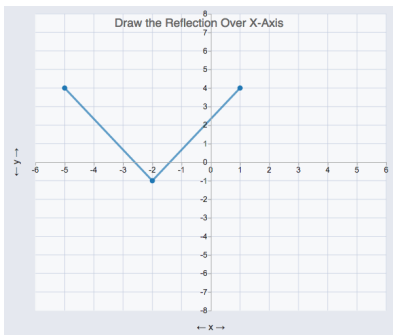
4. Draw the reflection of the graph over the x -axis.



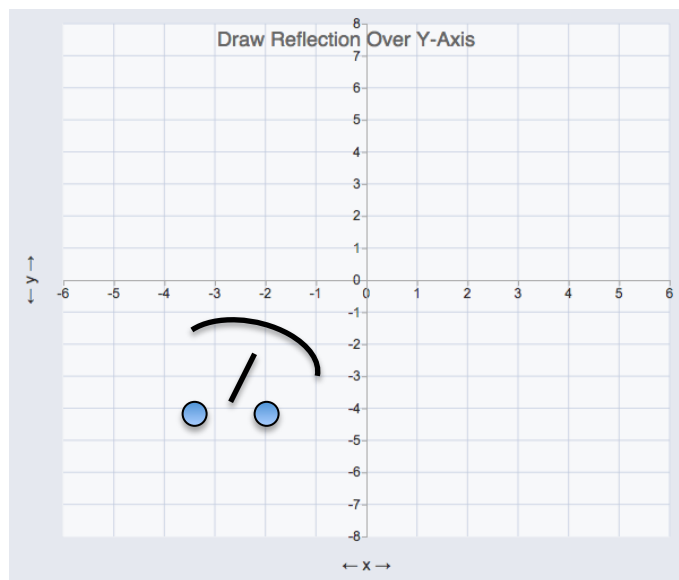
5. Draw the reflection of the graph over the y -axis.



6. Draw the reflection of the graph over the x -axis.

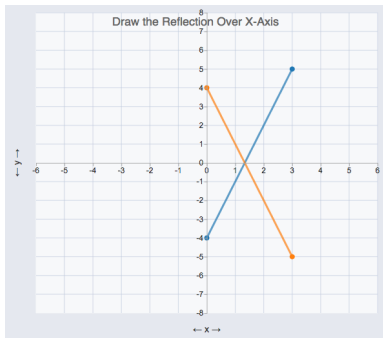


7. (Extension/Challenge Question) Draw the reflection of this smiley face over the y -axis.

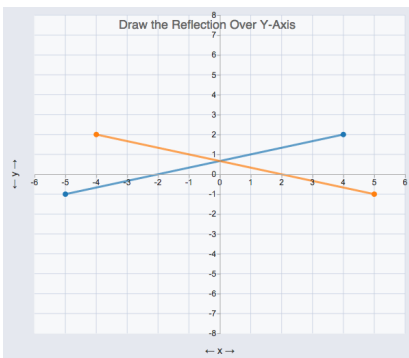


Answer Key:

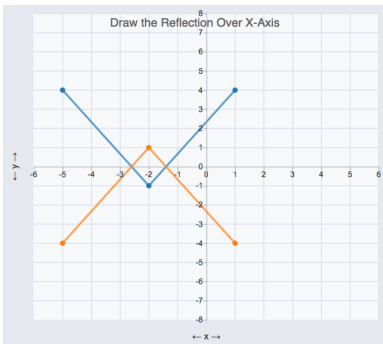
1. A – x-axis is the line of symmetry.
2. C – This is horizontal translation 4 units to the right. The line of symmetry is not the x or y-axis
3. B – y-axis is the line of symmetry
4. Solution is orange, original graph is blue



5. Solution is orange, original graph is blue



6. Solution is orange, original graph is blue



7. Solution is on the right, original is on left

