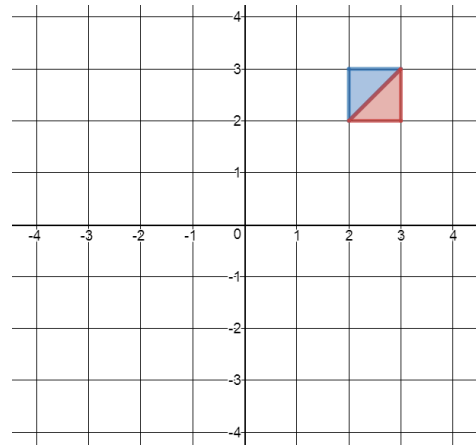
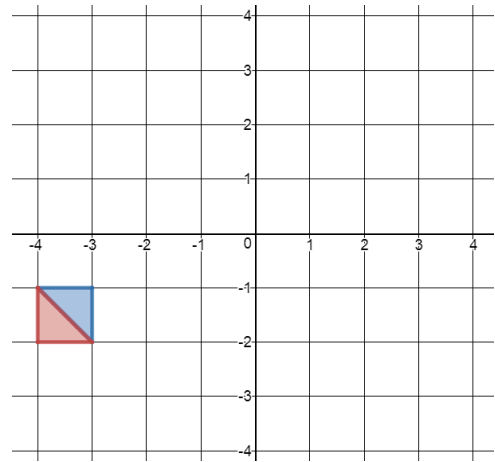


Transformations

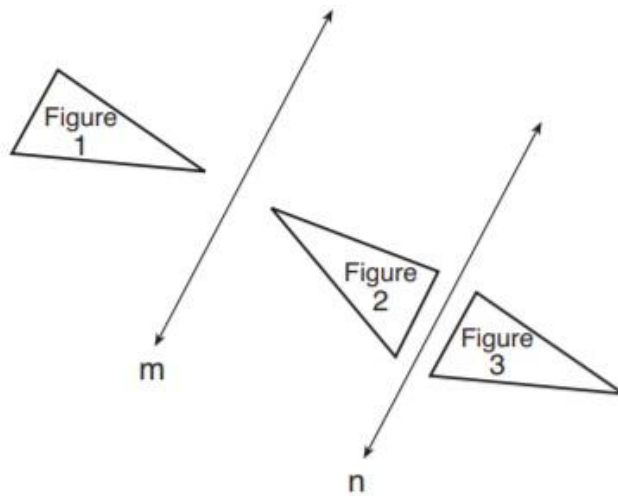
1. Reflect the image across the x-axis. Label it A.
2. Reflect the image across the y-axis. Label it B.
3. Write the coordinate notation that represents each transformation.



1. Translate the image $\rightarrow (x + 4, y + 3)$. Label this A.
2. Translate the image $\rightarrow (x + 5, y - 2)$. Label this B.



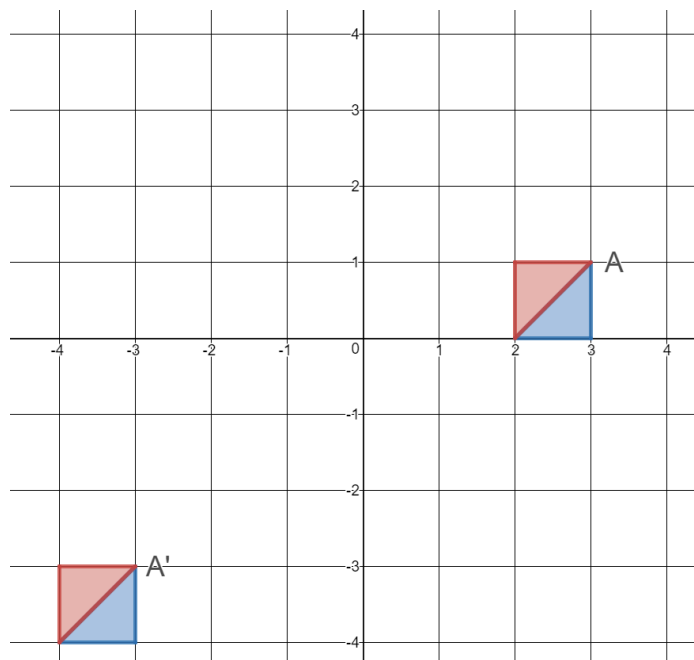
In the diagram below, line m is parallel to line n . Figure 2 is the image of Figure 1 after a reflection over line m . Figure 3 is the image of Figure 2 after a reflection over line n .



Which single transformation would carry Figure 1 onto Figure 3?

- | | |
|----------------|-------------------|
| (1) a dilation | (3) a reflection |
| (2) a rotation | (4) a translation |

Write the rule that describes the transformation from A to A'.



Write the rule that describes the transformation from B to B'.

