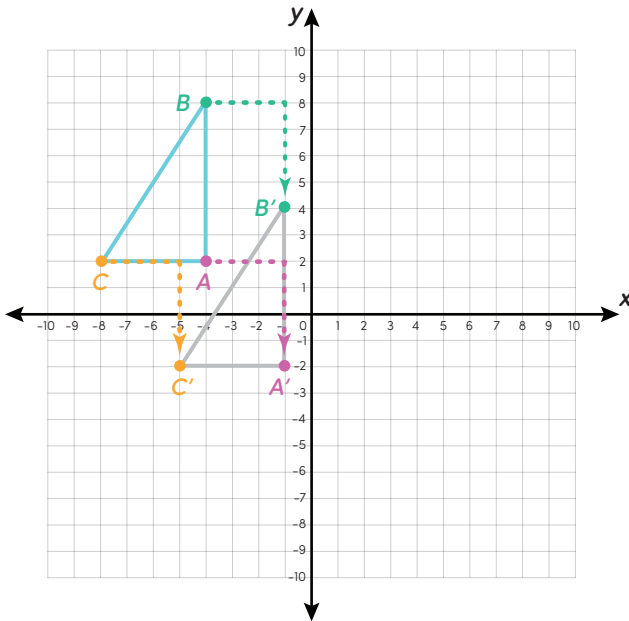


Translations on the Coordinate Plane

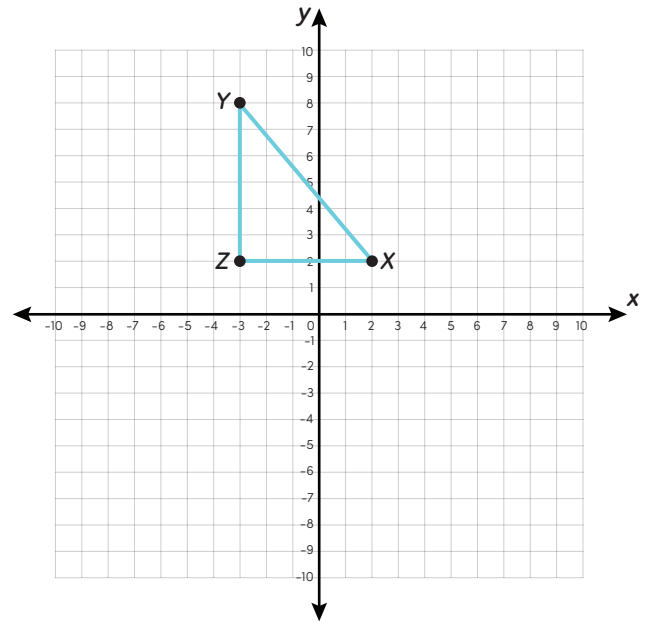


A **translation** moves, or slides, a figure to a different location. Try it! Graph the image of each figure by completing the given translation. The first problem has been done for you.

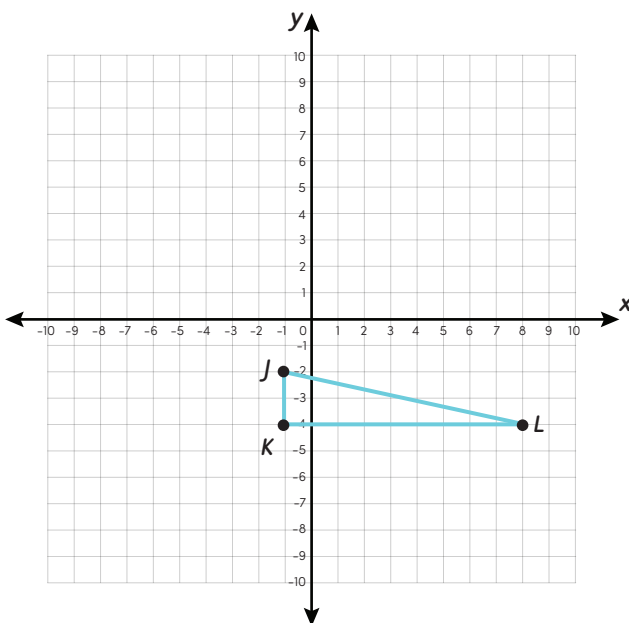
Graph the image of $\triangle ABC$ after a translation 3 units right and 4 units down.



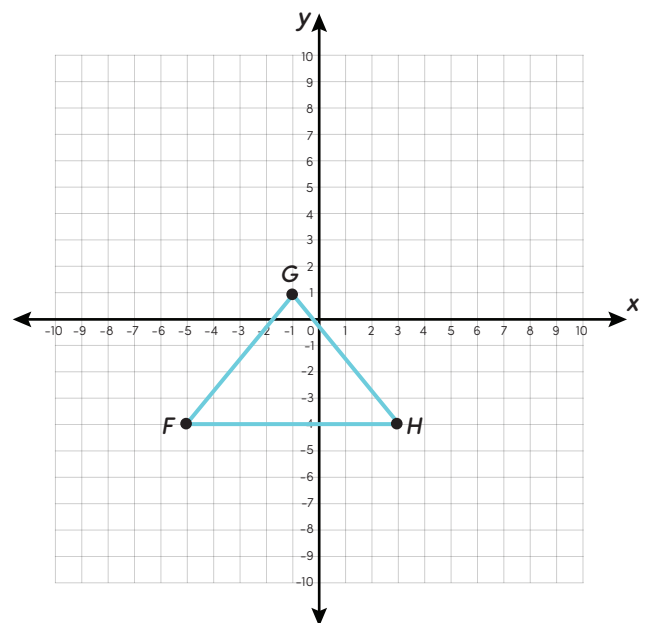
Graph the image of $\triangle XYZ$ after a translation 4 units left and 10 units down.



Graph the image of $\triangle JKL$ after a translation 1 unit right and 8 units up.



Graph the image of $\triangle FGH$ after a translation 5 units left and 2 units up.

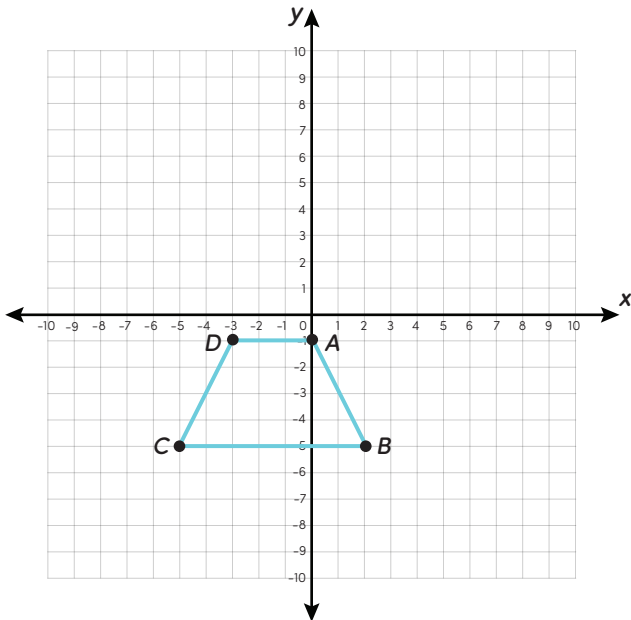


Translations on the Coordinate Plane

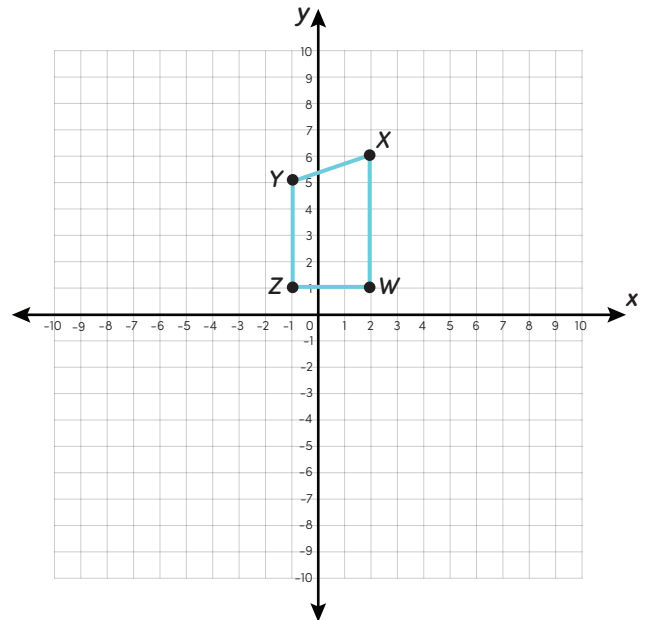


Keep going! Graph the image of each figure by completing the given translation.

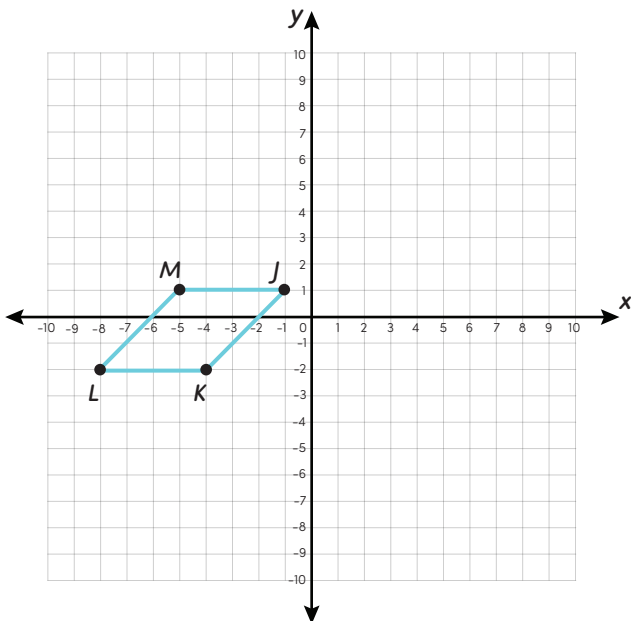
Graph the image of trapezoid $ABCD$ after a translation 2 units left and 9 units up.



Graph the image of trapezoid $WXYZ$ after a translation 7 units right and 1 unit down.



Graph the image of parallelogram $JKLM$ after a translation 8 units right and 5 units up.



Graph the image of parallelogram $PQRS$ after a translation 3 units left and 6 units down.

