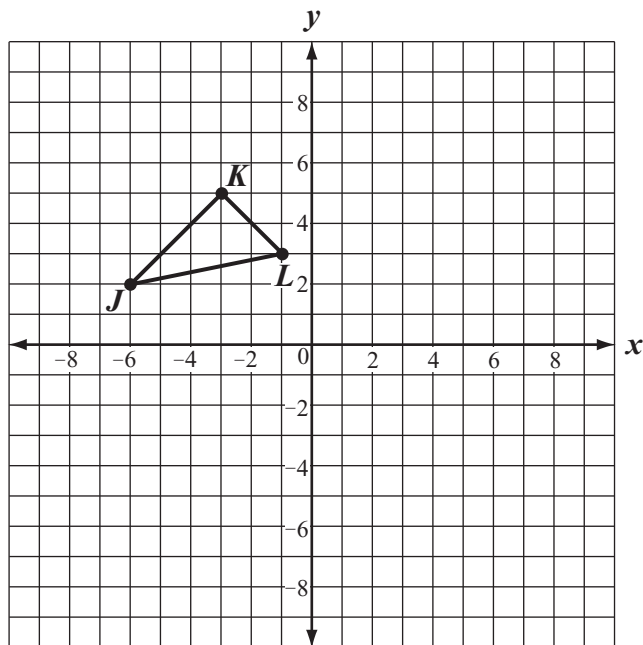


Triangle JKL is shown on the coordinate plane below.



Copy the coordinate plane and triangle JKL as shown onto the grid in your Student Answer Booklet.

Triangle JKL is reflected over the y -axis.

- On your grid, draw triangle $J'K'L'$, the image of triangle JKL after it has been reflected over the y -axis. Be sure to label the vertices.

Triangle $J'K'L'$ is rotated 90° clockwise about the origin.

- On your grid, draw triangle $J''K''L''$, the image of $J'K'L'$ after it has been rotated 90° clockwise about the origin. Be sure to label the vertices.
- Suppose the vertices of $J''K''L''$ are reflected over the y -axis and then reflected over the x -axis. Do the vertices of the resulting triangle have the same coordinates as the vertices of triangle JKL ? Show or explain how you got your answer.