

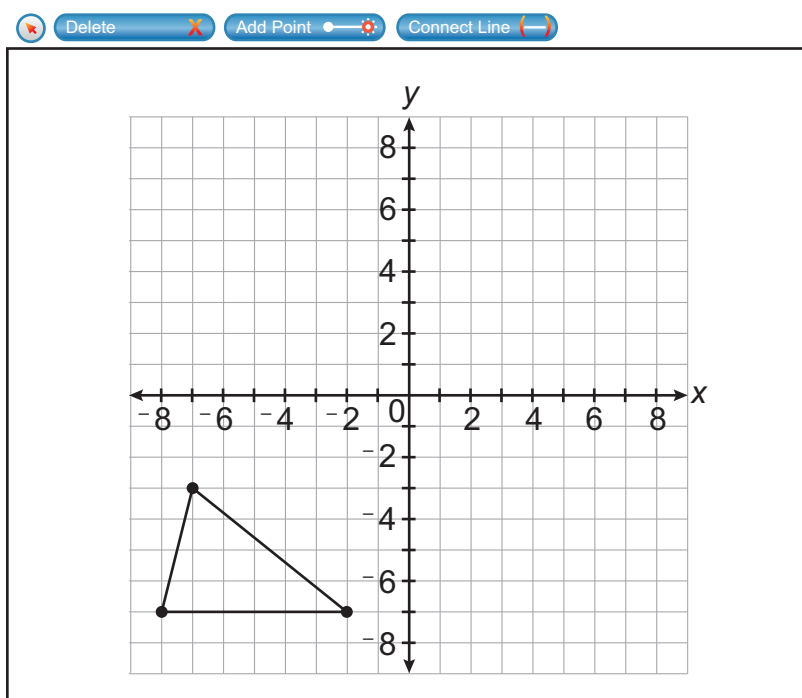
Grade Eight Sample Test Item—Concepts & Procedures

Achievement Level: Standard Met

Consider this figure.

Use the Add Point and Connect Line tools to draw the image of the figure after the following transformations:

- A vertical translation up 4 units.
- A horizontal translation to the right 7 units.

**Area****Concepts & Procedures**

Applying mathematical concepts and procedures

Standard(s)

Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.

Answer

Triangle with vertices of $(-1, -3)$, $(5, -3)$, and $(0, 1)$