Figure *AFHS* is translated. After undergoing the rigid motion transformation, $A(-8, 5)$ maps to $A'(-1, -2)$.

- Describe the transformation in words.

- Write the function rule for the translation.

- Identify the image points F', H', S'.
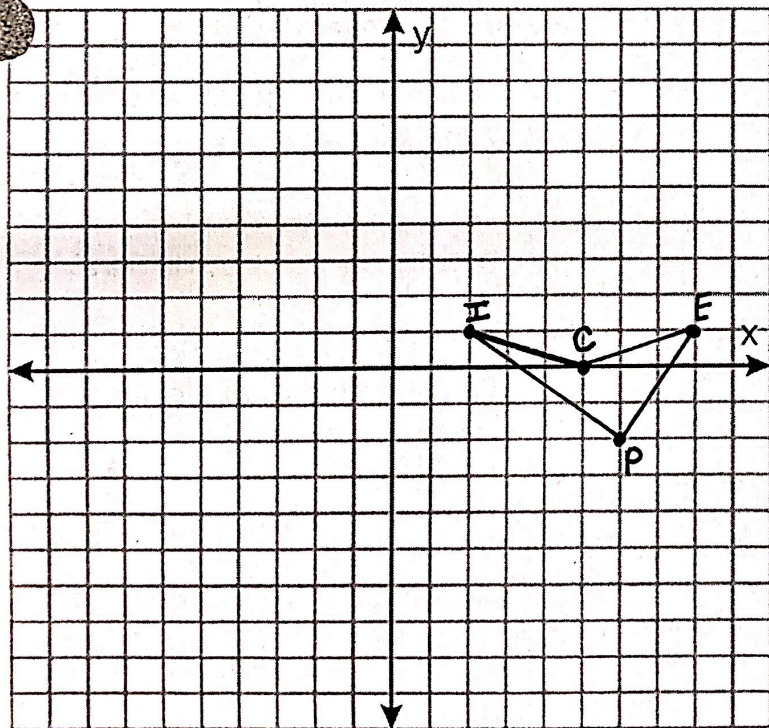

Figure *EPIC* is translated using the function rule
$$f(x, y) = (x - 5, y + 2)$$

- Describe the transformation in words.
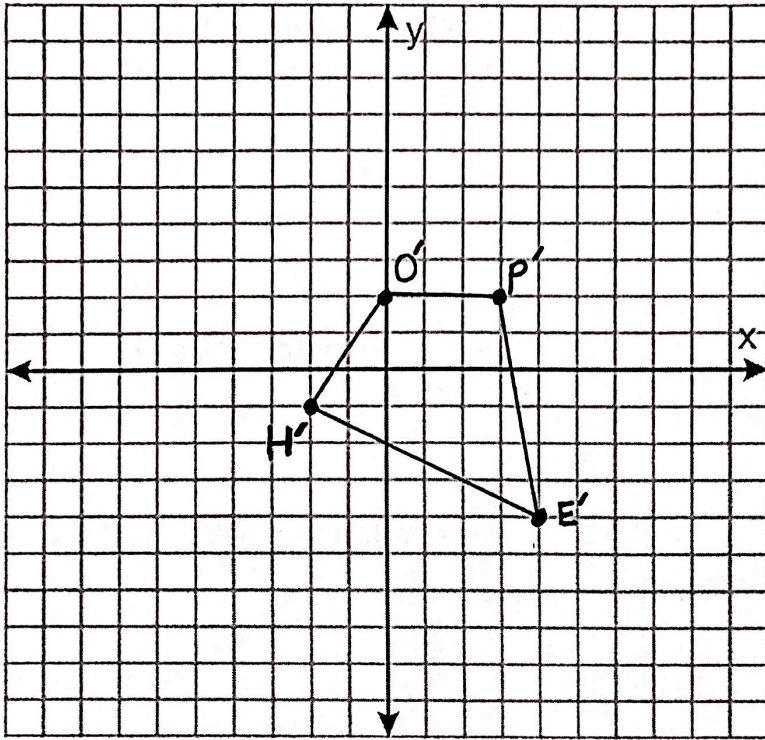
- Identify the mapping for each vertex.

Figure *HOPE* is translated up 3 units and left 5 units.

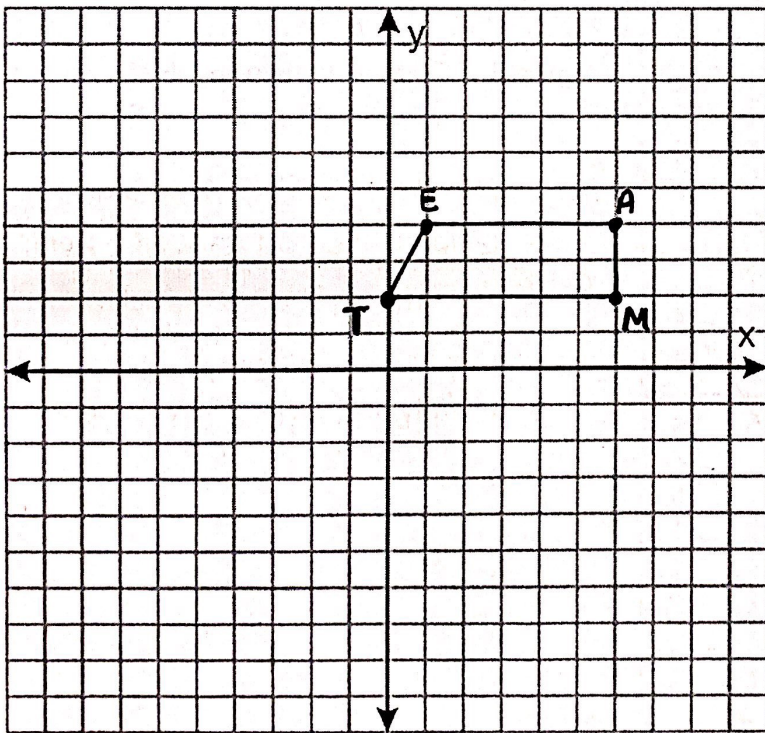- Write the function rule for the translation.

- Identify the domain and range.

Figure *TEAM* is translated to create figure $T'E'A'M'$. The slope of $\overline{TT'}$ is $-\frac{2}{3}$.

- Identify possible coordinates of figure $T'E'A'M'$.

- Describe the translation in words.

- Write the function rule for the transformation.