Image: result of transformation

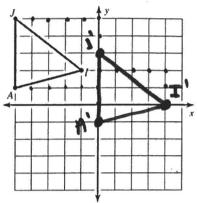
1.2 Translations & Rules Guided Notes pre-image: figure before transformation

Translations - a transformation rule: (x,y) - '(x,y)

- that slides each point of a figure the same distance and in the same direction.
 - 1) Translate ΔJAI to the right five units and down two units.
 - 2) Write a rule for this transformation.

$$(x,y) \rightarrow '(x+s,y-2)$$

- 3) What ordered pair represents J'?
 - (0, 3)



4) What translation has occurred in the figure?

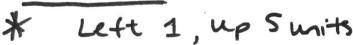


5) What is the rule that represents this translation?

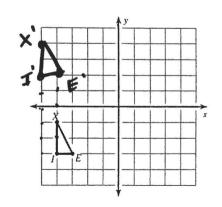
$$*(x,y) \rightarrow (x,y+4)$$

P B (pre-image)

6) If $(x, y) \rightarrow (x - 1, y + 5)$ represents a translation for ΔXEI , describe the translation.



7) What would X' be after the rule is applied?



* moving backwards": Go from Image to pre-image.

Description: translate 3 right & Iup.

$$(x,y) \rightarrow (x+3,y+1)$$

Find B