9.2 Translations

<u>Translations</u>: a transformation that <u>Slides</u> a figure.

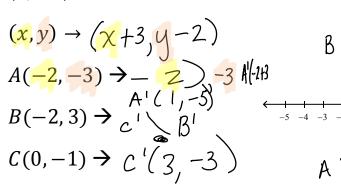
Goals

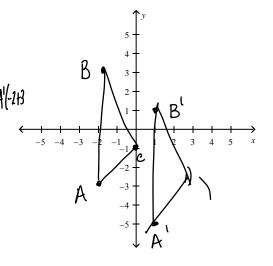
You will draw translations in the coordinate plane.

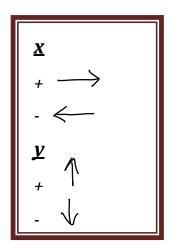
You will describe a translation given the pre-image and image.

Graph $\Delta ABC\,$ and its image along vector

 $\langle 3, -2 \rangle$.







Look at the following is an animation.

a.) Describe the translation of the raindrop from position 2 to position 3 in function notation and in words.

2 left, 3 down $(x,y) \rightarrow (x-2,y-3)$

b.) Describe the position of the raindrop from position 3 to position 4 using a translation vector and in words.

