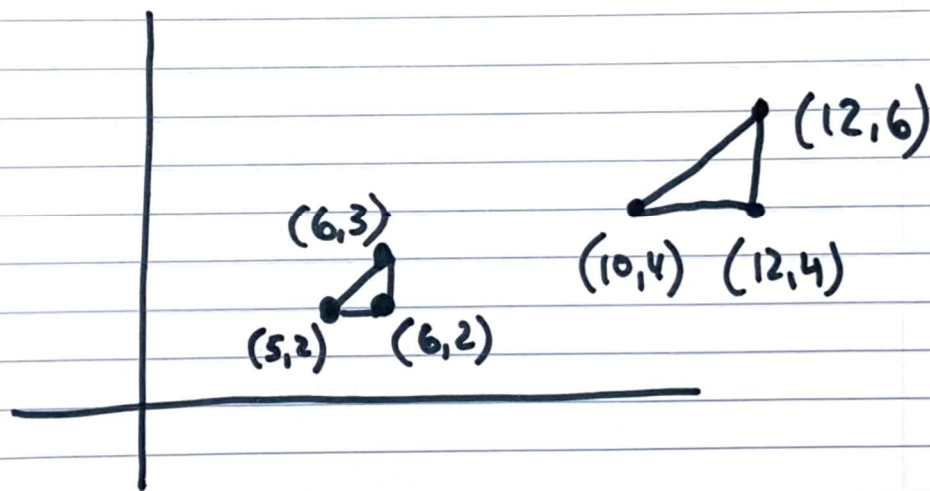


LESSON 2-4 \rightarrow Dilations on a Coordinate Plane

When the center of dilation is the origin $(0,0)$, multiply each coordinate by its ^{dilation}~~scale~~ factor

Below is a dilation of 2 around $(0,0)$



$$(6, 3) \times 2 = (12, 6)$$

$$(5, 2) \times 2 = (10, 4)$$

$$(6, 2) \times 2 = (12, 4)$$