[6.3] Translations
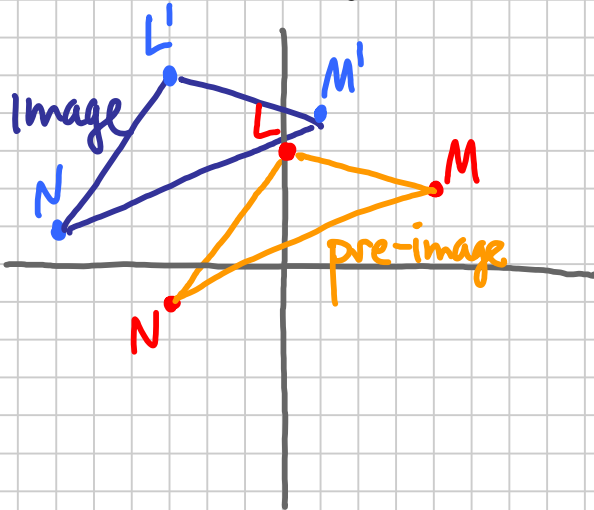
→ sliding a figure

ex 1) Graph ∆LMN w/ vertices L(0,3), M(4,2) & N(-3,-1). Then find the coordinates of its vertices if it is translated by (-3,2). Graph the translated image.

$L(0,3) + (-3,2) \rightarrow L'(-3,5)$

$M(4,2) + (-3,2) \rightarrow M'(1,4)$

$N(-3,-1) + (-3,2) \rightarrow N'(-6,1)$