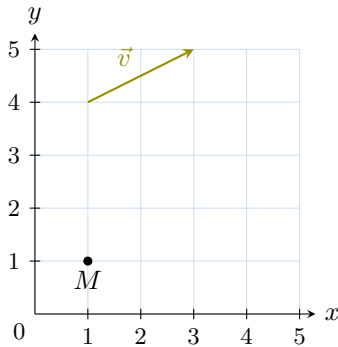# TRANSLATION

A DEFINITIONS
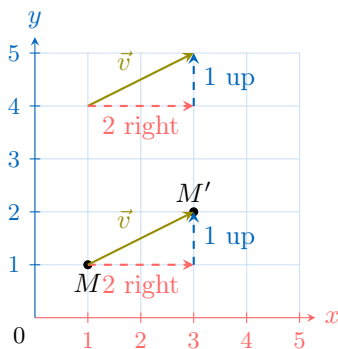
Definition Translation of a Point

The **translation** of point M by vector $\vec{v}$ is the point M' such that point M is moved to point M' by sliding along the direction and magnitude of the vector $\vec{v}$.

Ex: Find the coordinates of the image of point M under a translation by vector $\vec{v}$.

Answer:

$M'(3, 2)$

Definition Translation

The **translation** of an object by vector $\vec{v}$ is the translation of all its points.