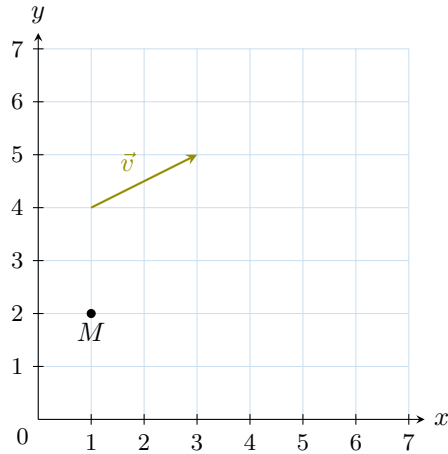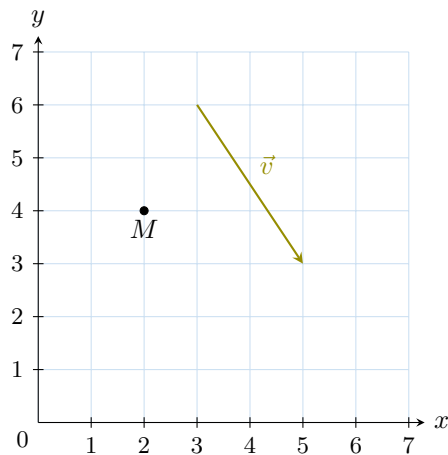# TRANSLATION

A DEFINITIONS

A.1 FINDING THE IMAGE OF A POINT

Ex 1: Find the coordinates of the image of point M under a translation by vector $\vec{v}$.
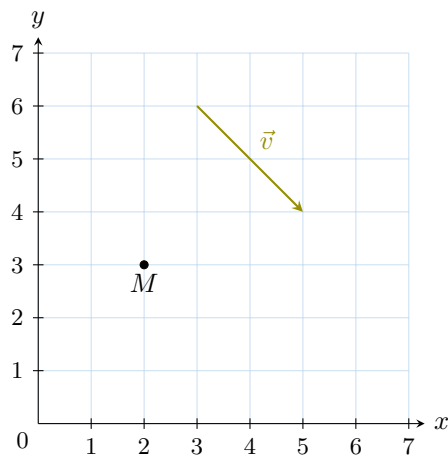
$M'(\boxed{},\boxed{})$

Ex 2: Find the coordinates of the image of point M under a translation by vector $\vec{v}$.

$M'(\boxed{},\boxed{})$

Ex 3: Find the coordinates of the image of point M under a translation by vector $\vec{v}$.

$M'(\boxed{},\boxed{})$

Ex 4: Find the coordinates of the image of point M under a translation by vector $\vec{v}$.
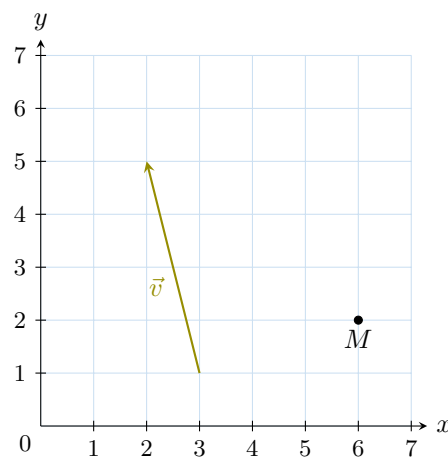
$M'(\boxed{},\boxed{})$

Ex 5: Find the coordinates of the image of point M under a translation by vector $\vec{v}$.
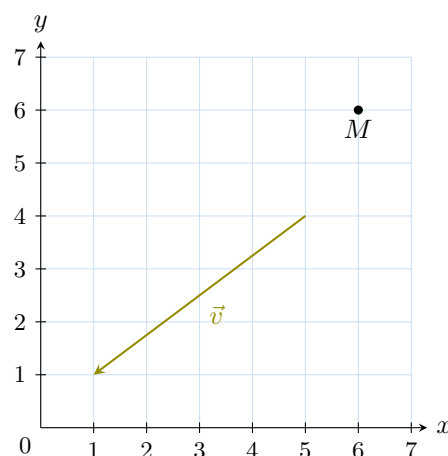
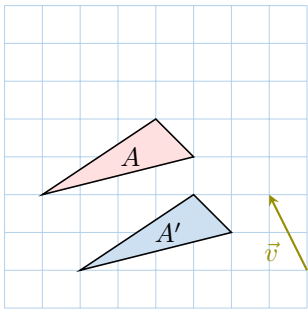$M'(\boxed{},\boxed{})$

A.2 TRANSLATION OF FIGURES

MCQ 6: Is the figure A' the image of figure A under a translation by vector $\vec{v}$?
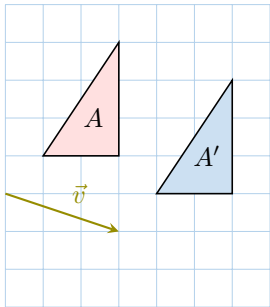
☐ Yes

☐ No

1
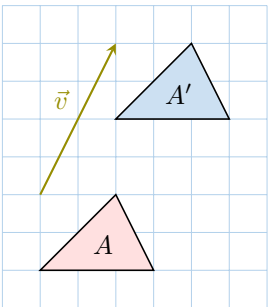
MCQ 7:   Is the figure A' the image of figure A under a translation by vector $\vec{v}$?

☐ Yes

☐ No

MCQ 8:   Is the figure A' the image of figure A under a translation by vector $\vec{v}$?

☐ Yes

☐ No

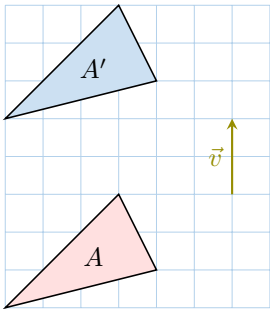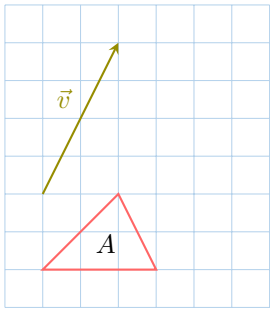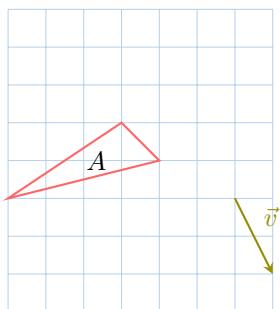**MCQ 9:**   Is the figure A' the image of figure A under a translation by vector $\vec{v}$?

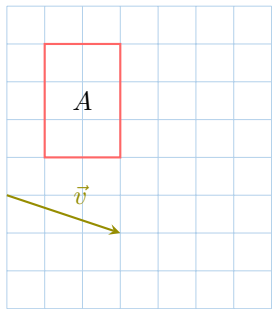☐ Yes

☐ No

A.3 DRAWING IMAGES FIGURES

Ex 10:   Draw the figure A', the image of figure A under a translation by vector $\vec{v}$.

Ex 11:   Draw the figure A', the image of figure A under a translation by vector $\vec{v}$.

Ex 12:   Draw the figure A', the image of figure A under a translation by vector $\vec{v}$.

Ex 13:   Draw the figure A', the image of figure A under a translation by vector $\vec{v}$.