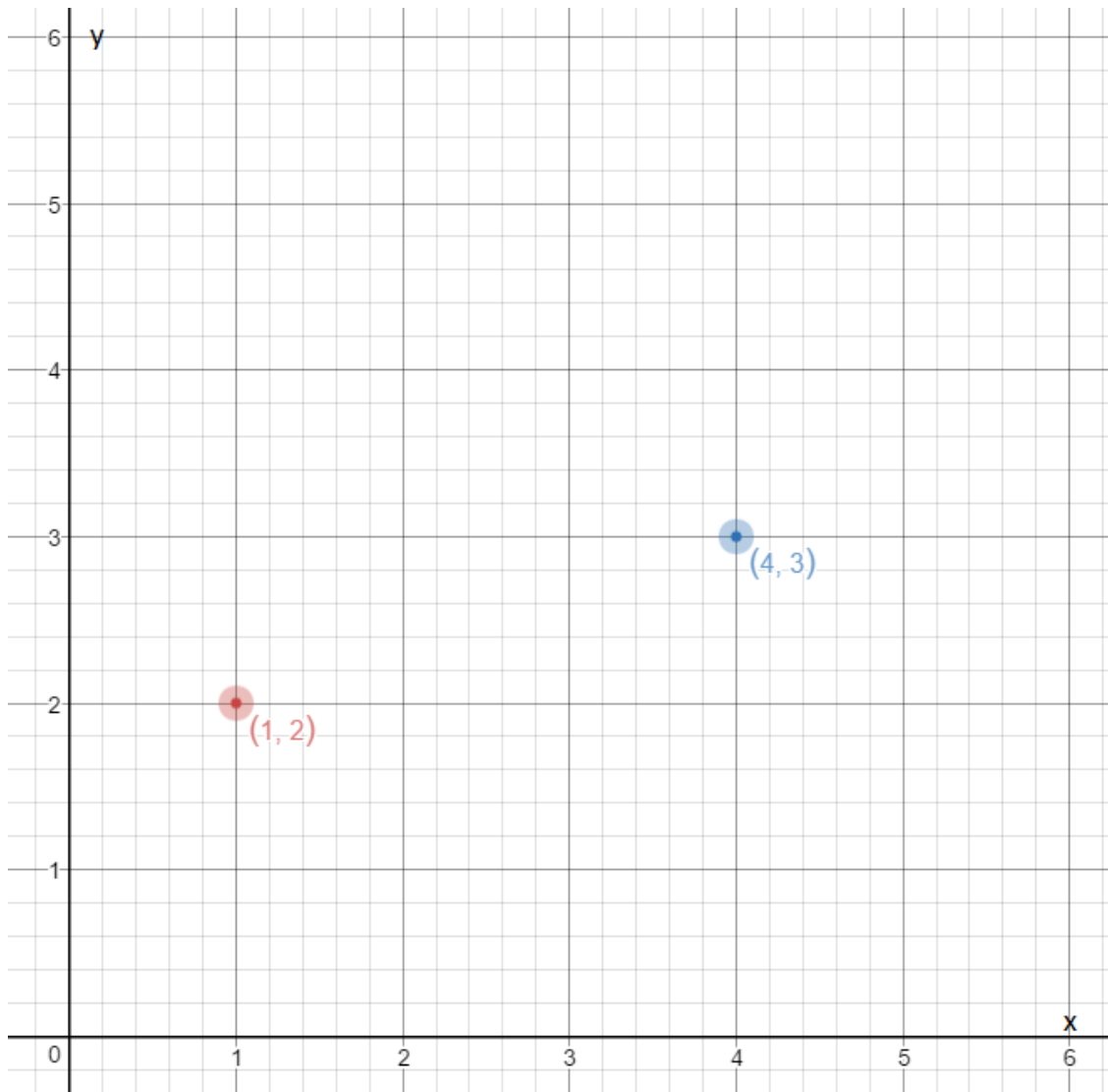


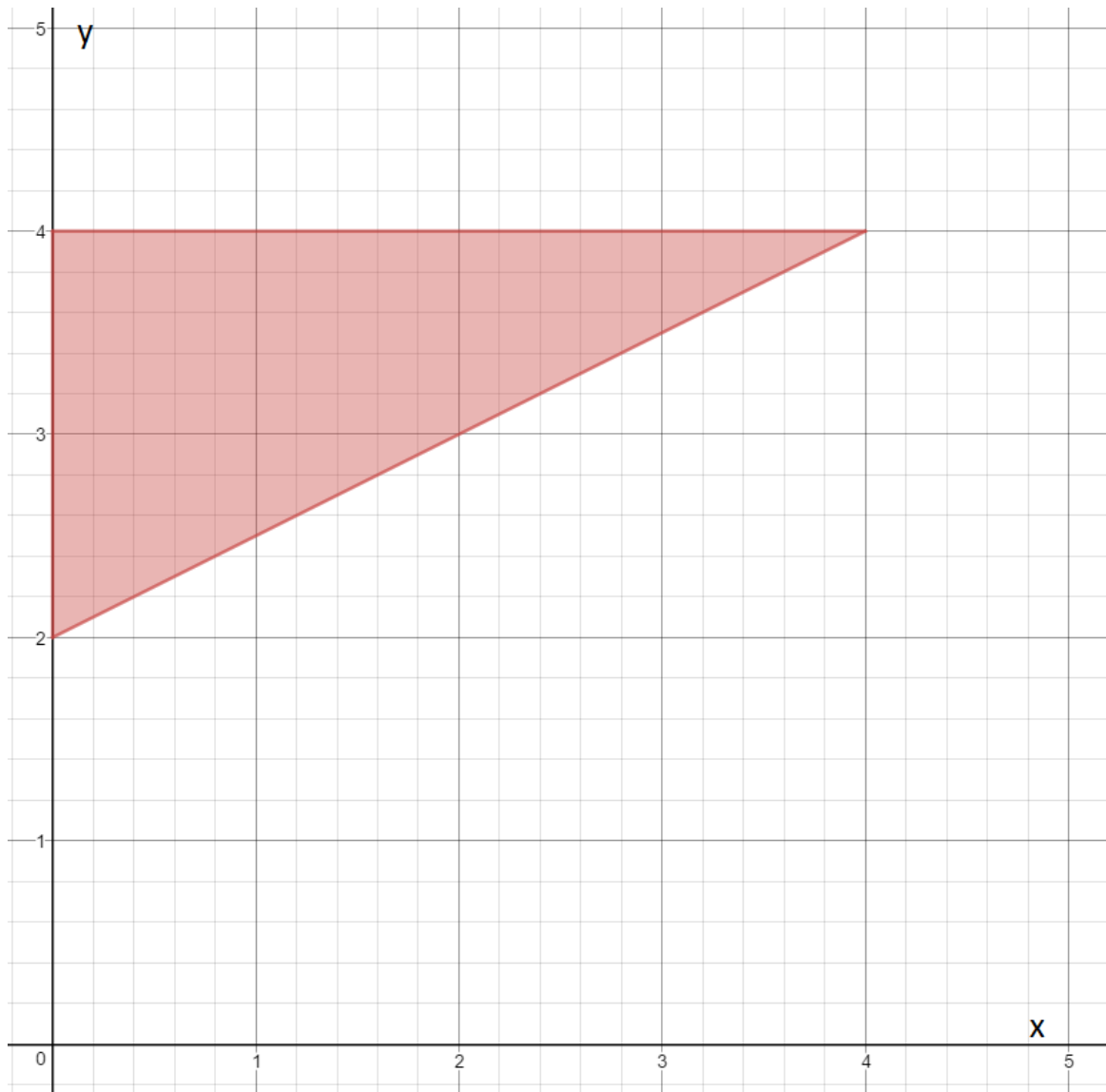
# Linear transformations with Matrices lesson 1 - Translation of a point

Magic Monk Tutorials

- 1 Translate the point  $p_1 = \begin{pmatrix} 1 \\ 2 \end{pmatrix}$  by the point  $p_2 = \begin{pmatrix} 4 \\ 3 \end{pmatrix}$  and plot it in the x-y plane.



2 Translate the below triangle with the translation  $T = \begin{pmatrix} 1 \\ -2 \end{pmatrix}$  and plot the result in the x-y plane.



- 3 Translate the below circle with the translation  $T = \begin{pmatrix} 1 \\ 1 \end{pmatrix}$  and plot the result in the x-y plane.

