a) ***f(-x) + 2*** is two transformations:
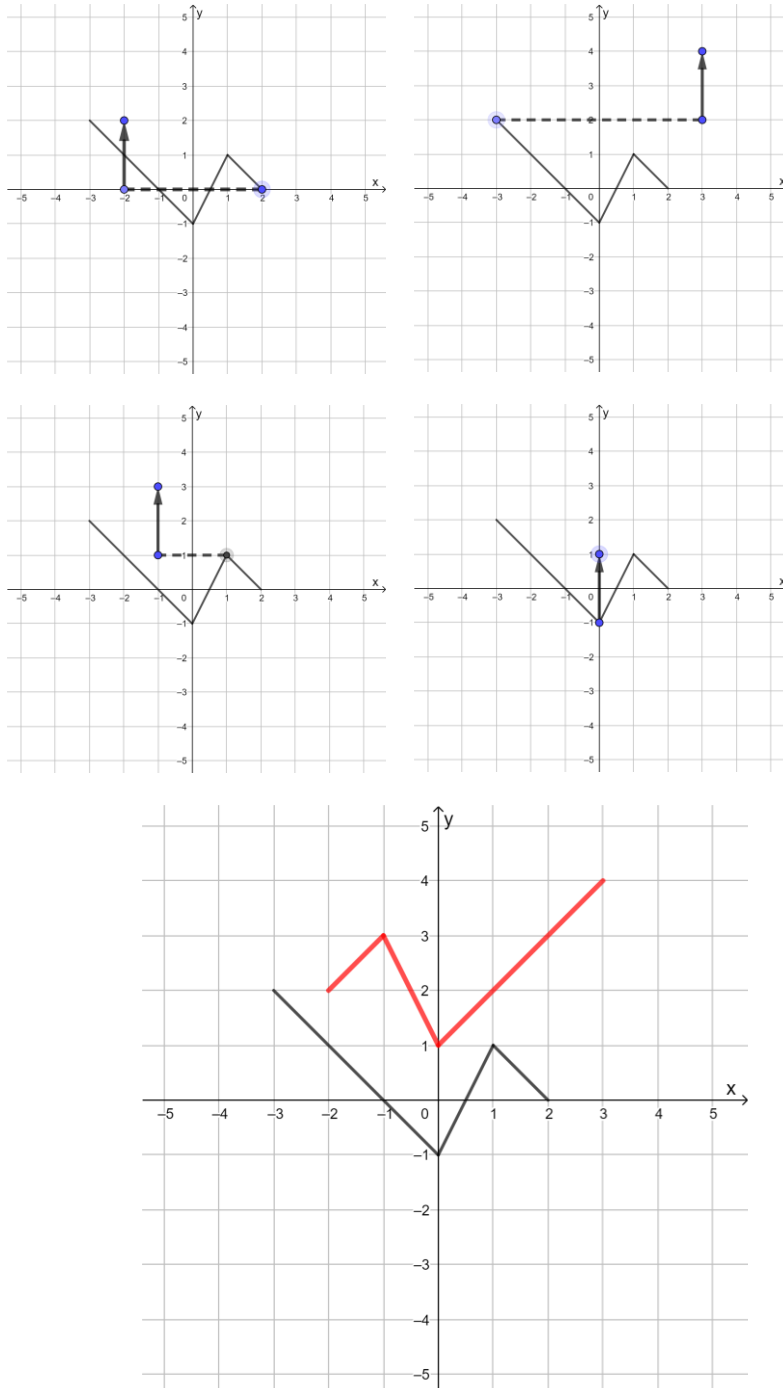1. Reflection in the y axis
2. Translation $\begin{pmatrix} 0 \\ 2 \end{pmatrix}$

Take the 4 points one at a time and perform the two transformations

b) The graph represents a reflection in the x axis and a stretch of scale factor 2 parallel to the y axis followed by a translation $\begin{pmatrix} -1 \\ 0 \end{pmatrix}$

The graph is the function *-2f(x - 1)*

a = -2

b = -1