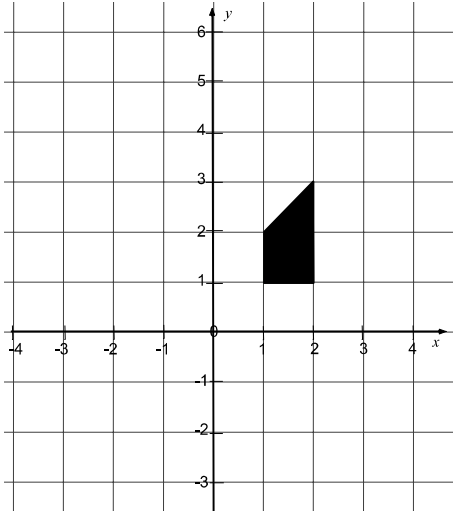


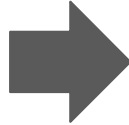
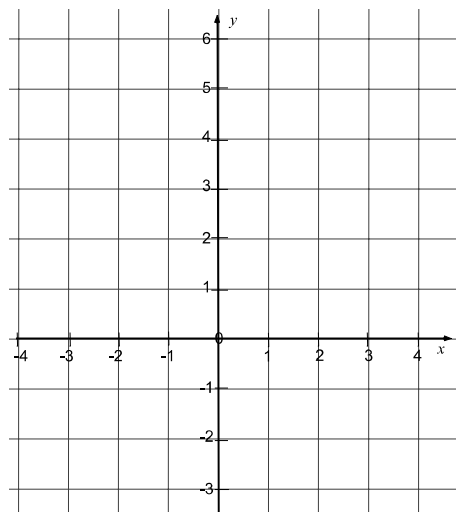
Figure to Figure (revisited)

1. A transformation is described as $(x, y) \rightarrow (-2 + y, -x)$

Before:



After:



Complete on the blank grid the image after the transformation and describe the single transformation in words.

.....

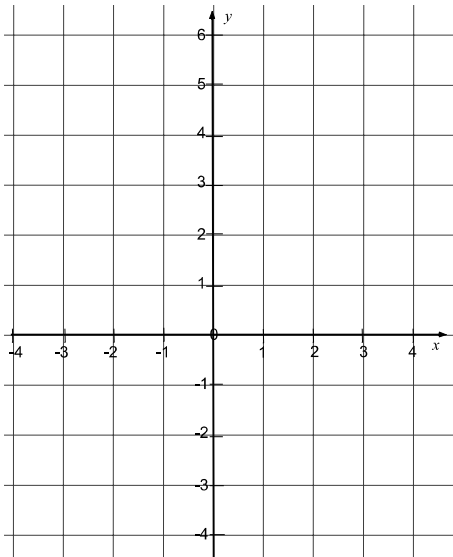
.....

.....

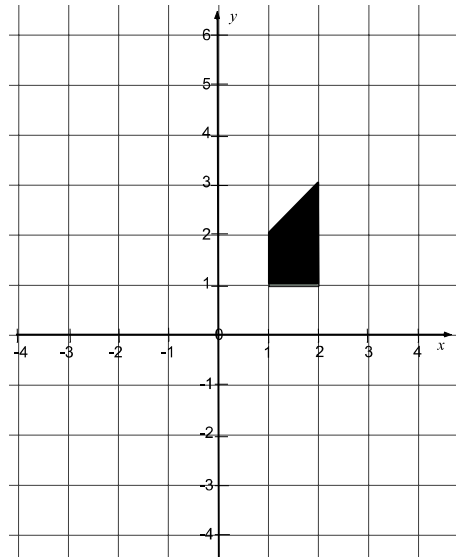
.....

2. A figure is reflected over the line $y = -x$ to give the image below. Complete on the blank grid the position of the original figure before the transformation:

Before:

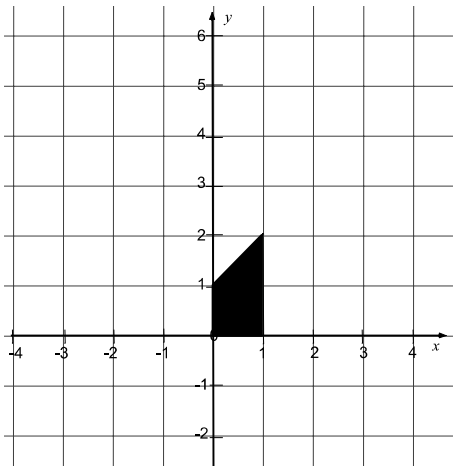


After:

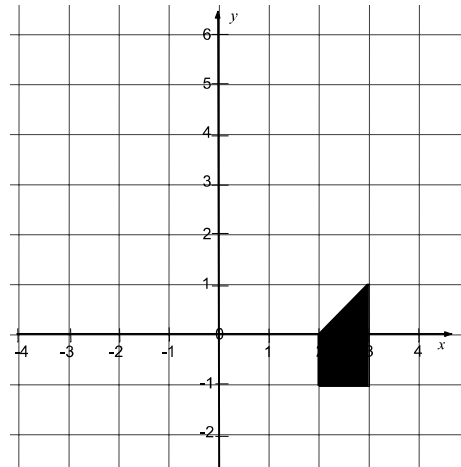
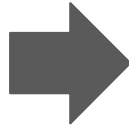


3. The figure below is transformed to give the following image:

Before:



After:



Describe the effect of the transformation on (x,y) and describe the transformation in words:

$$(x, y) \rightarrow (\underline{\quad}, \underline{\quad})$$

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