
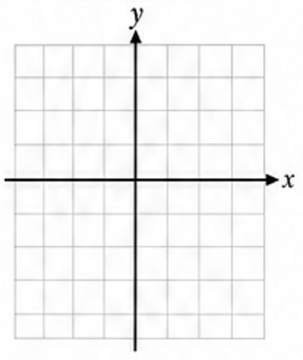


TRANSFORMATION CARDS: TRANSLATE, ROTATE, REFLECT, ENLARGE




TRANSLATE

Vector $\begin{pmatrix} a \\ b \end{pmatrix}$

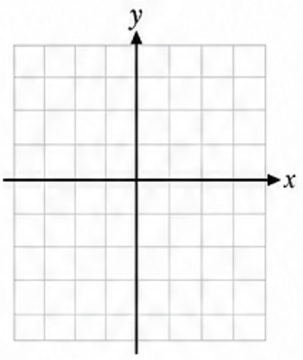


Describe the transformation:




ROTATE

Centre (h, k) , Angle θ°

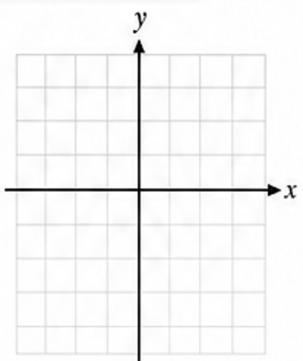


Describe the transformation:




REFLECT

Line of reflection
 $x = a$ or $y = b$ or $y = mx + c$

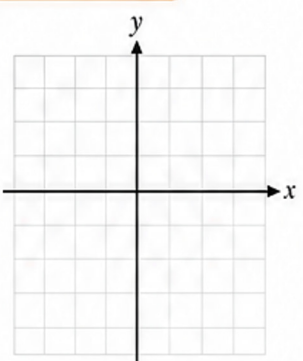


Describe the transformation:



ENLARGE

Centre (h, k) , Scale factor k



Describe the transformation:

KEY VOCABULARY	
TRANSLATE	Slide every point the same distance in the same direction.
ROTATE	Turn a shape about a centre through a given angle.
REFLECT	Flip a shape over a line (mirror line).
ENLARGE	Make a shape larger or smaller using a scale factor.

NOTES / WORKING SPACE