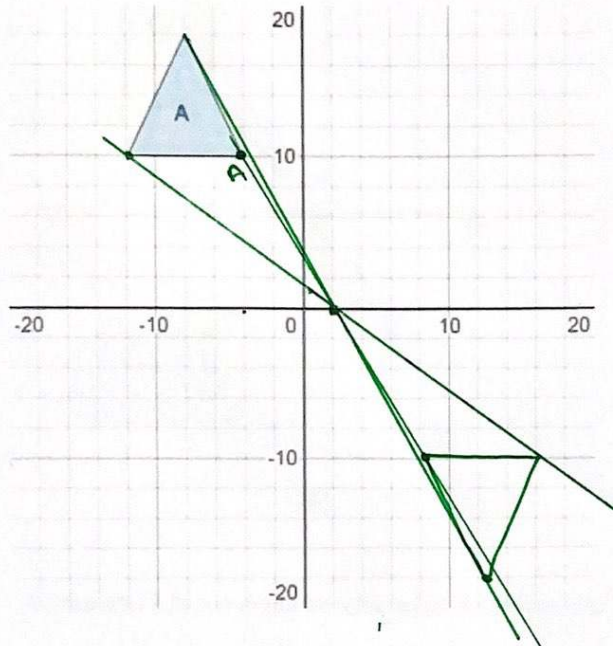




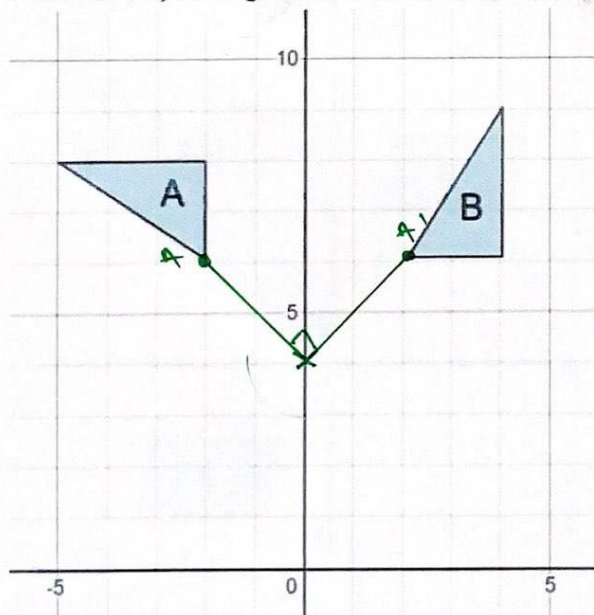
QT Rotations

1. Rotate shape A 180° degrees about $(2,0)$



A vector $\begin{pmatrix} -6 \\ 10 \end{pmatrix}$
 $\begin{pmatrix} 6 \\ -10 \end{pmatrix}$

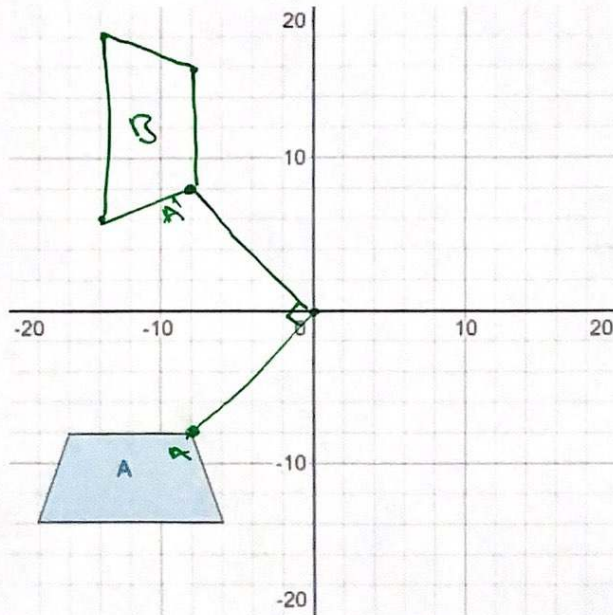
2. Describe fully the single transformation which maps triangle A on triangle B.



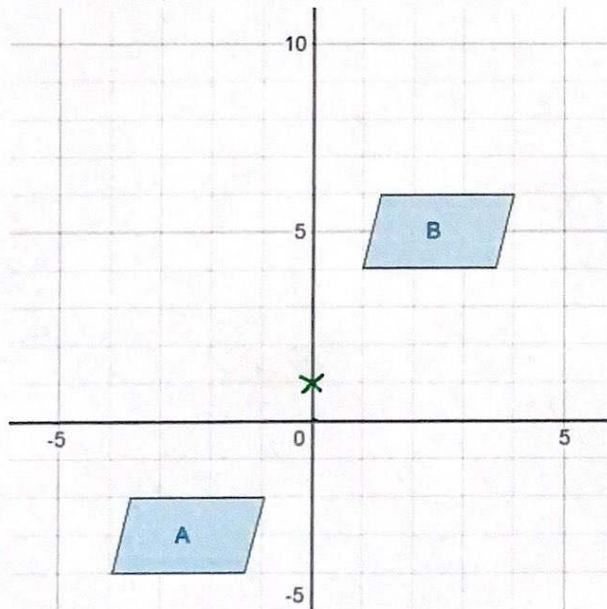
Rotated 90°
around point $(0, 4)$



3. Rotate shape A 90° clockwise around centre O.



4. Describe fully the single transformation that maps A to B



Rotation
 180° around point
(0, 1)