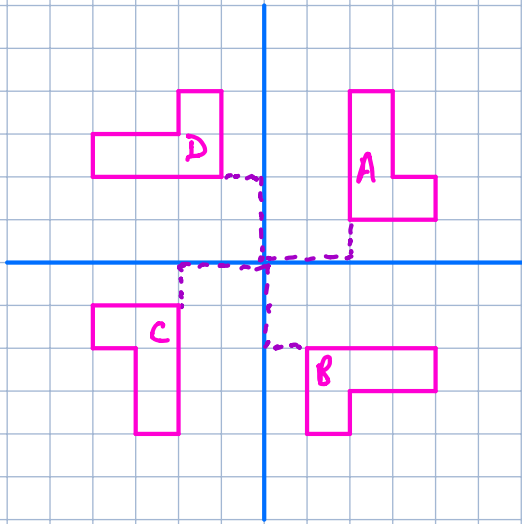


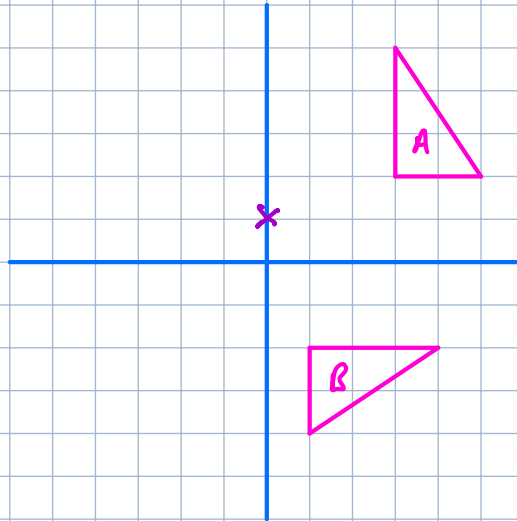
Rotations



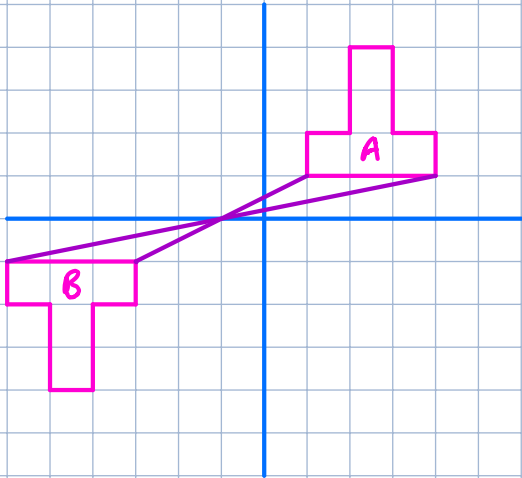
Rotate A 90° clockwise about $(0,0)$
to give B

Rotate B 90° clockwise about $(0,0)$
to give C

Rotate C 90° clockwise about $(0,0)$
to give D

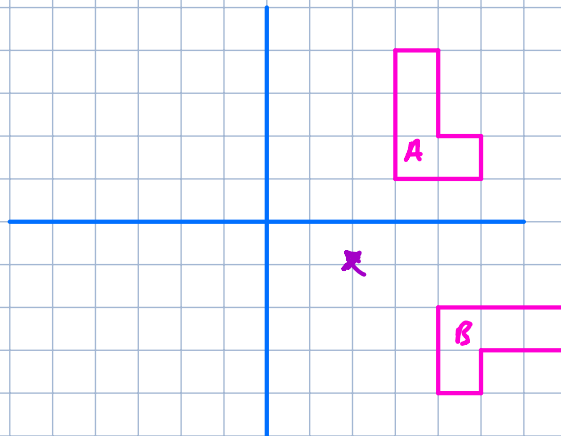


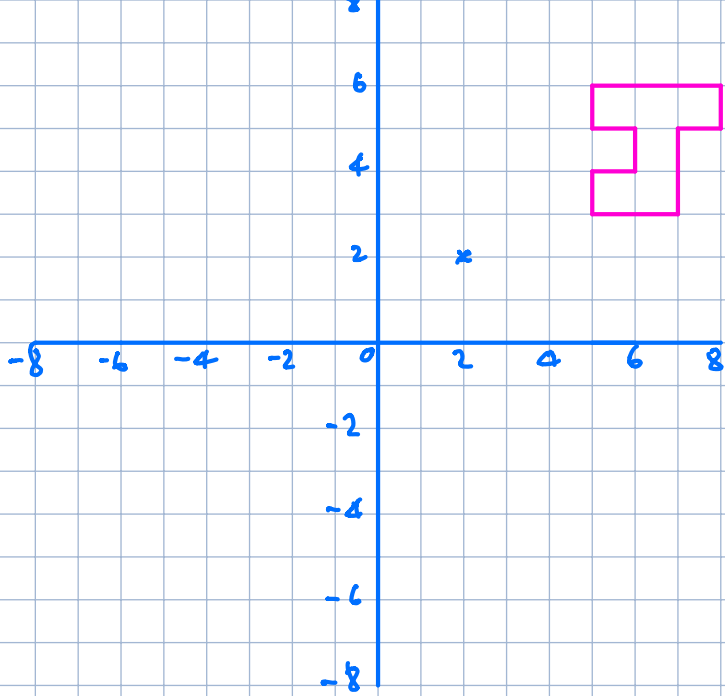
Rotation
by 90° clock-
wise about
 $(0,1)$



Rotation by 180°
about $(-1,0)$

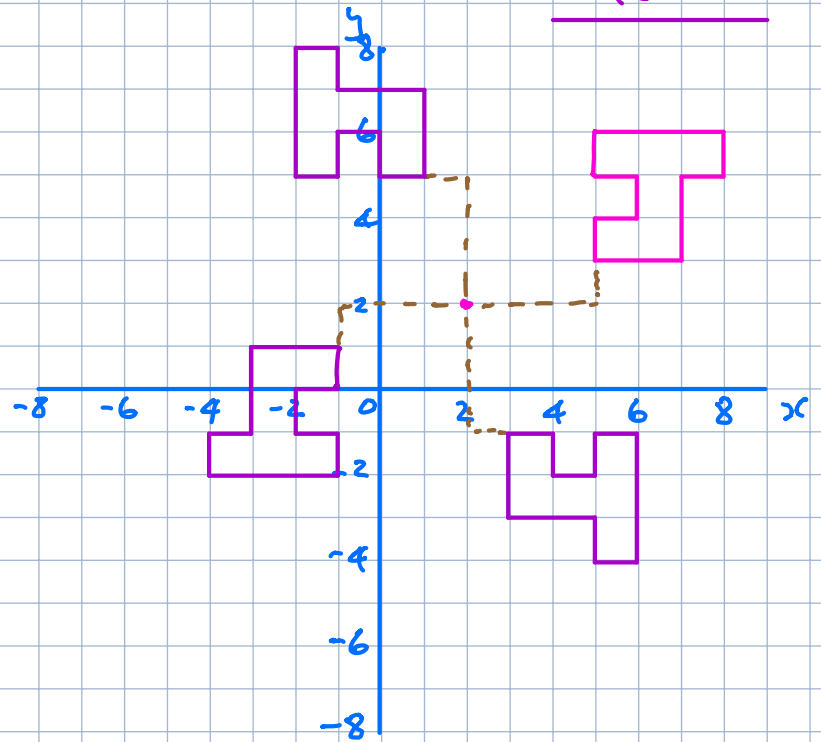
A is rotated
 90° clockwise
about $(2,-1)$



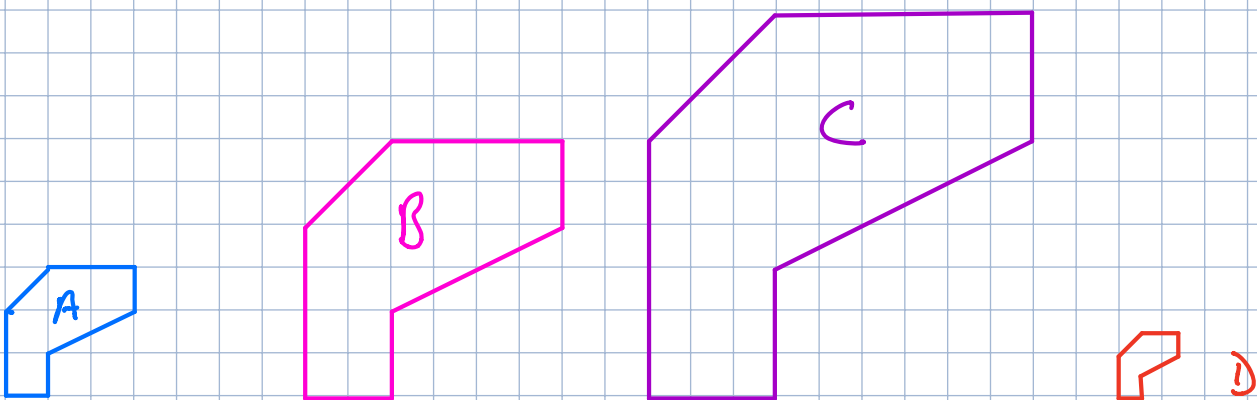


Rotate $90^\circ, 180^\circ, 270^\circ$
clockwise about
 $(2, 2)$

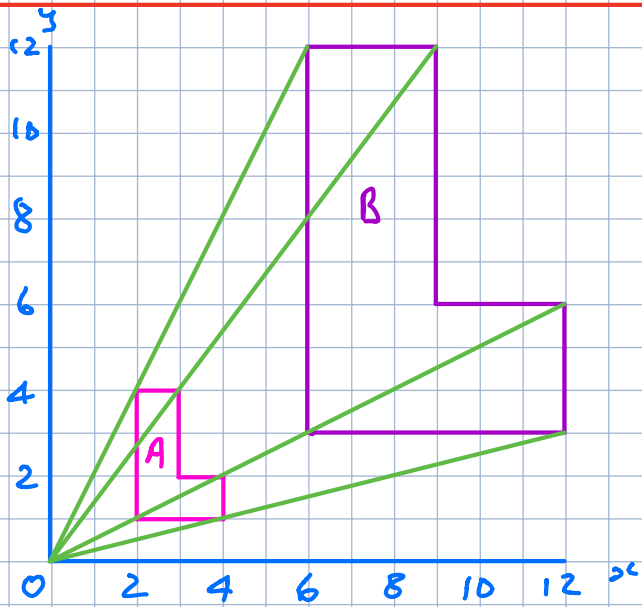
Solution



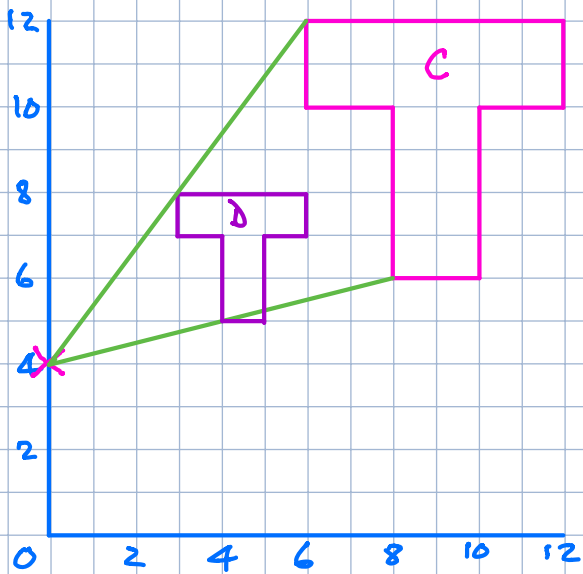
Enlargements



A has been enlarged by scale factor 2 to give B
 A has been enlarged by scale factor 3 to give C
 A has been enlarged by scale factor $\frac{1}{2}$ to give D



Enlarge A by s.f. 3
about $(0,0)$ to give B



Enlarge C by s.f. $\frac{1}{2}$
about $(0,4)$
to give D