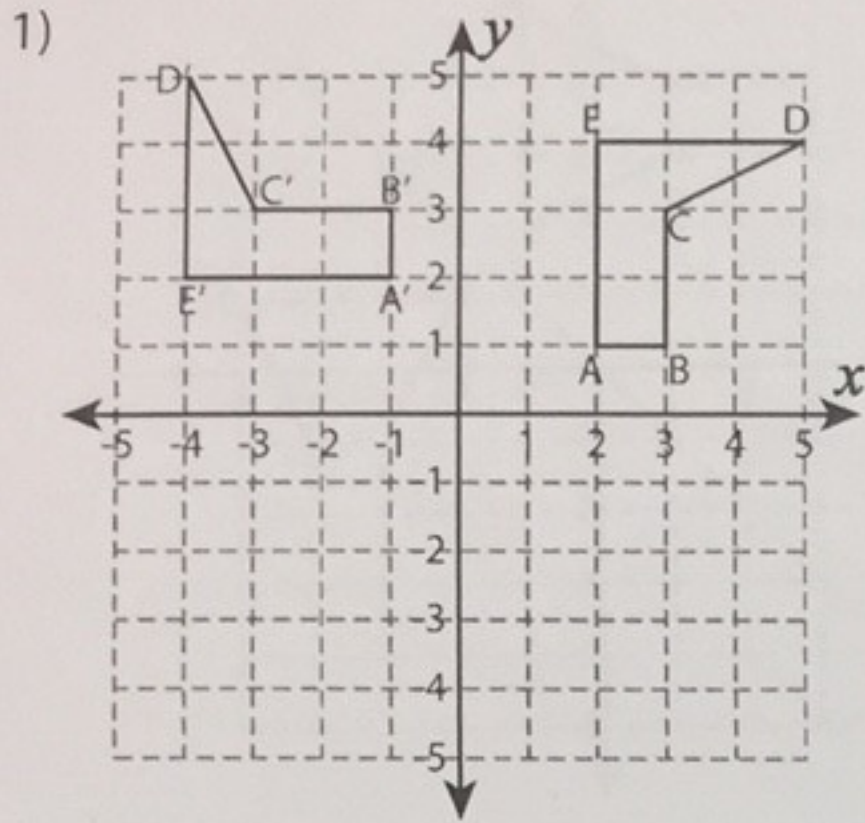


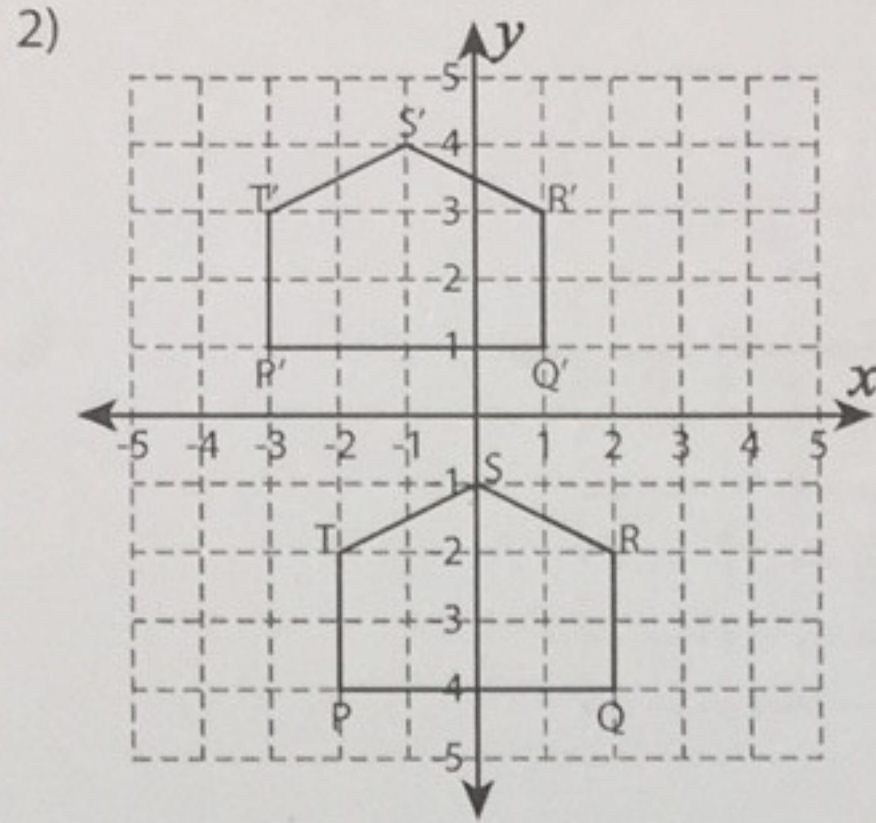
**Transformation of Shapes**

Recognize how each shape has transformed. Write translation, reflection or rotation.



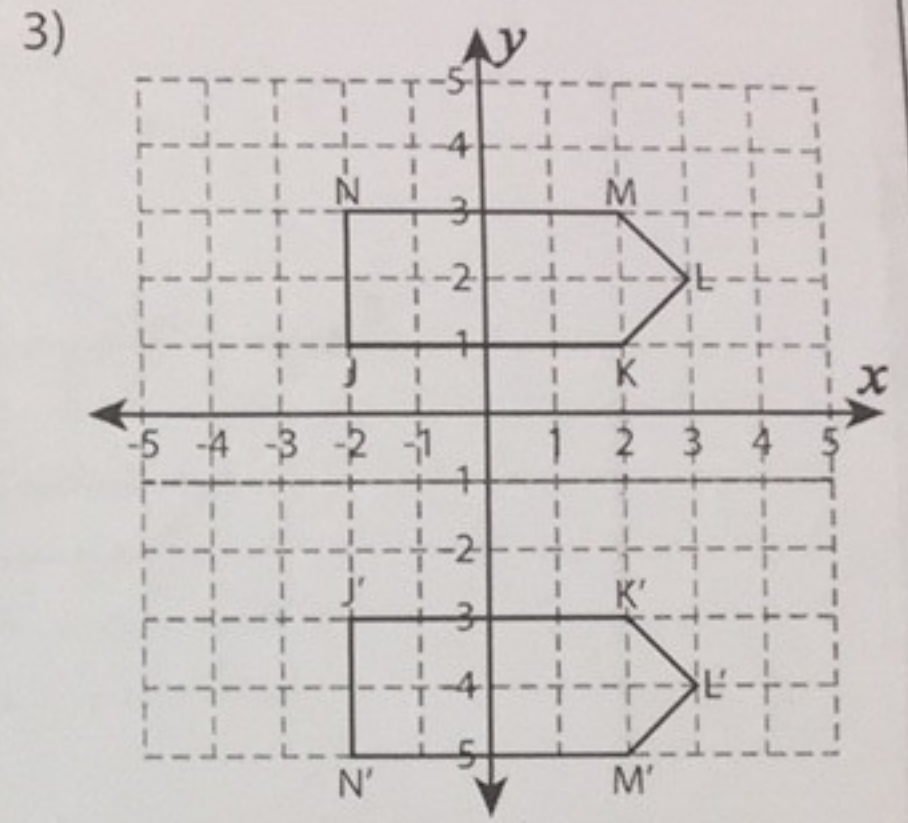
**Rotation**

90° counter-clockwise about the origin



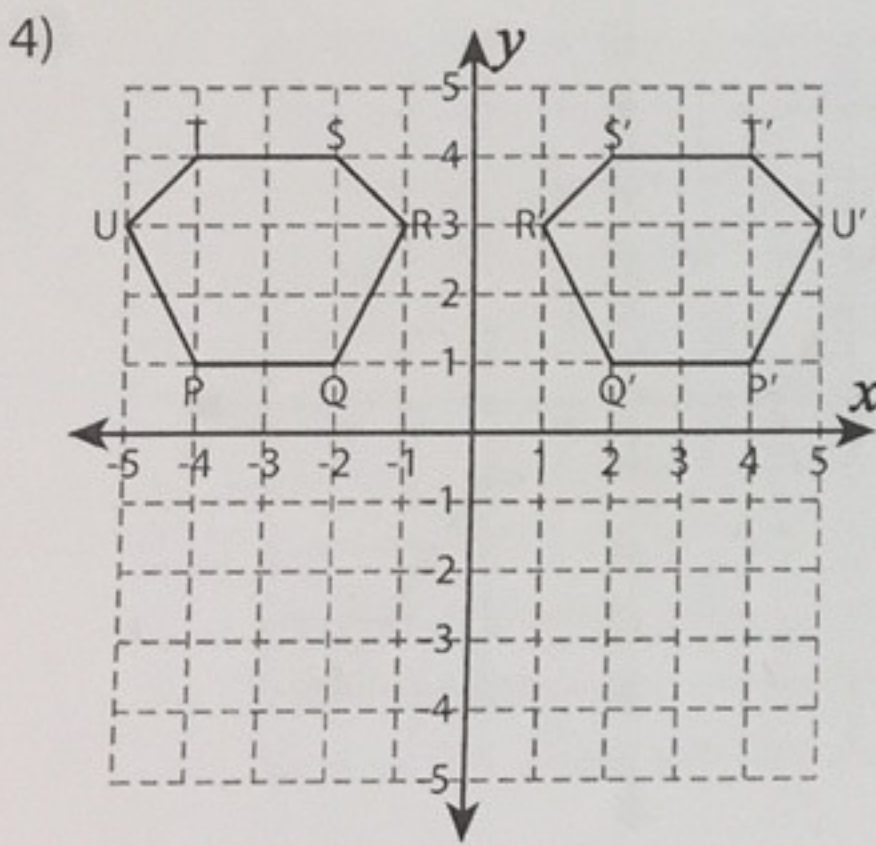
**Translation**

(x-1, y+5)



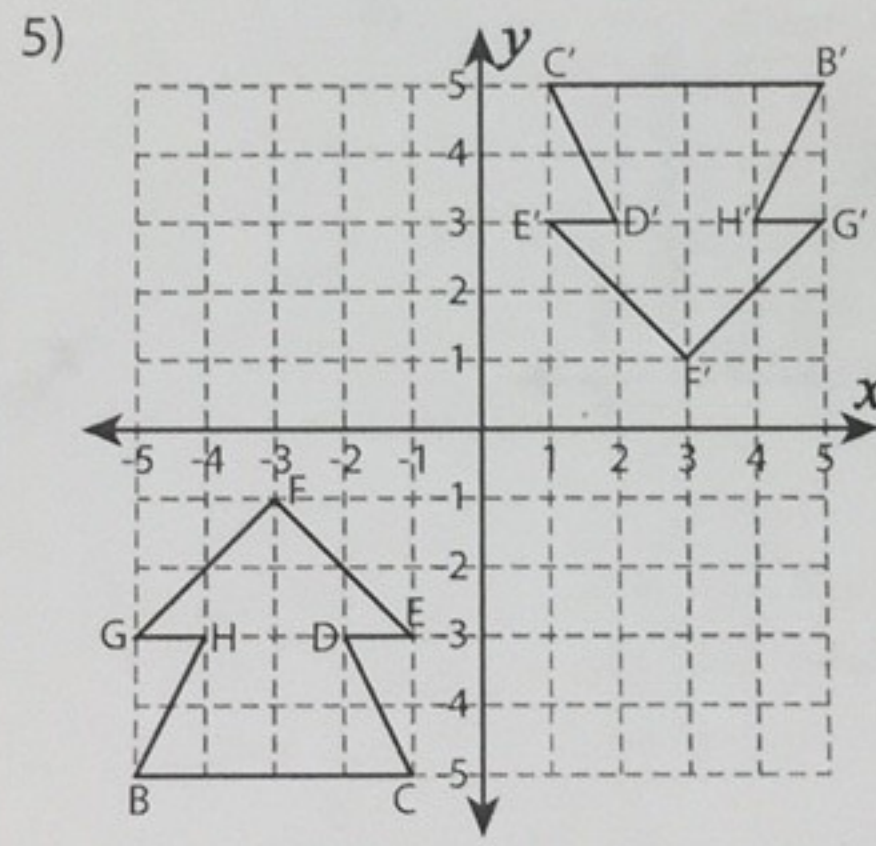
**Reflection**

across y=1



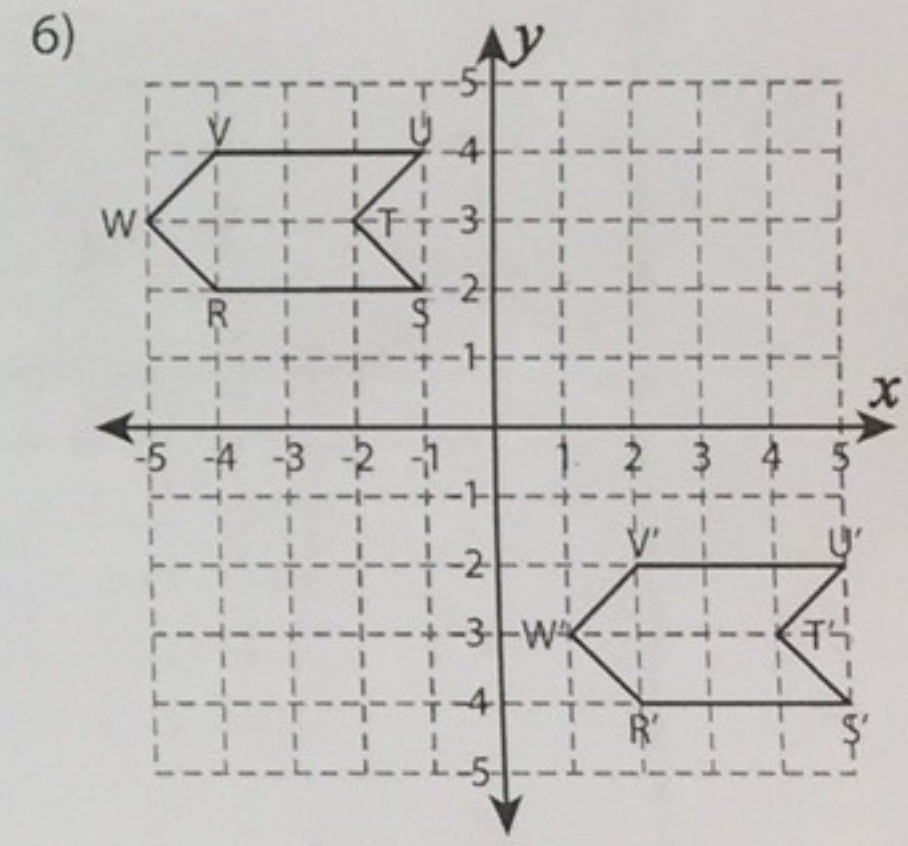
**Reflection**

across x=0



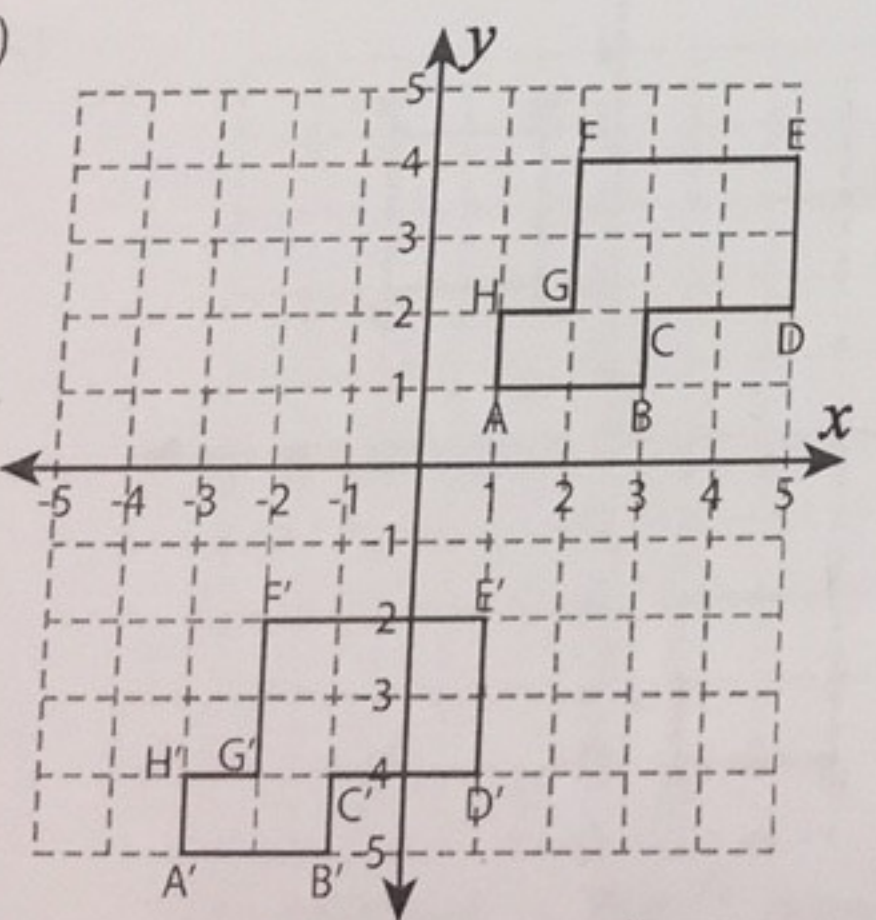
**Rotation**

180° about the origin

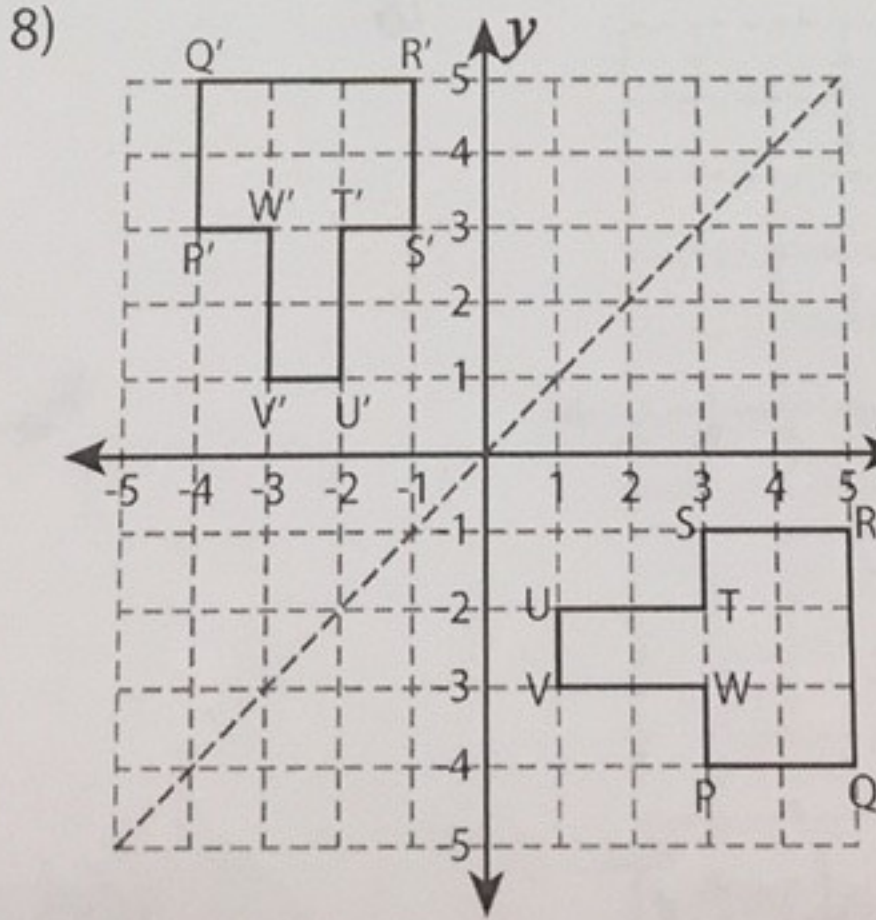


**Translation**

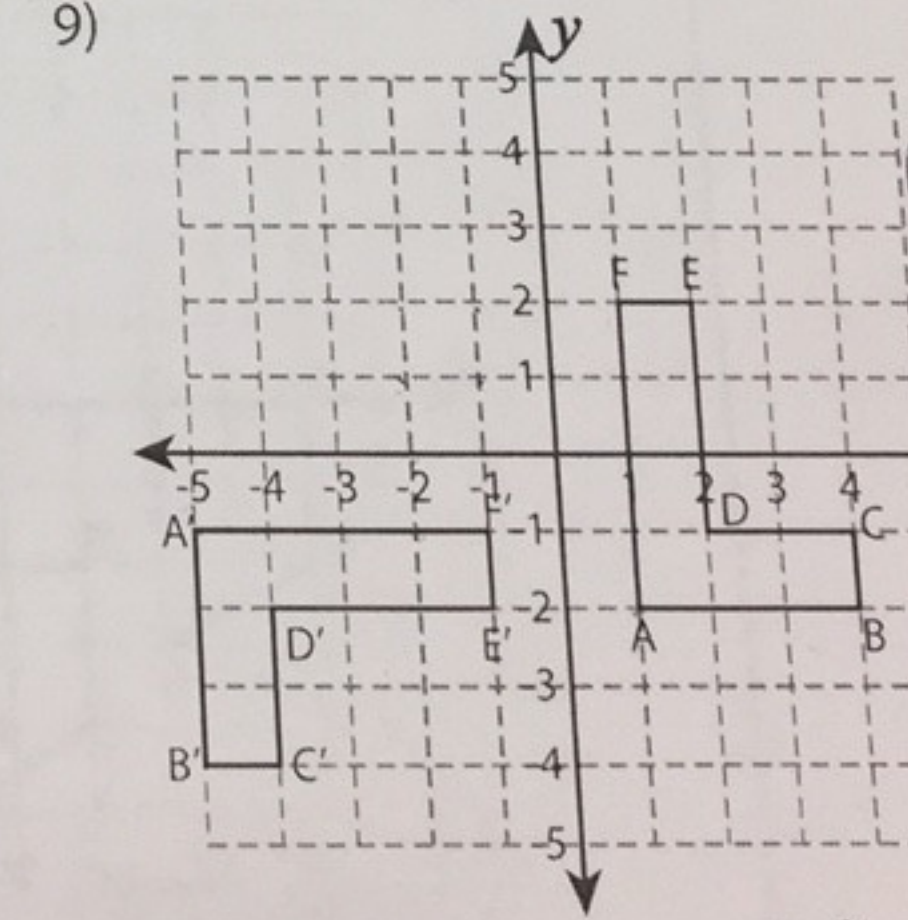
(x+6, y-6)



**Translation** (x-4, y+6)



**Reflection** over y=x



**Rotation** 90° clockwise

about (0,0)  
Then translate  
y-3