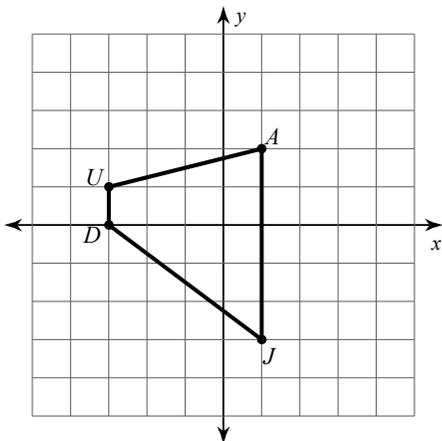


15) dilation of  $\frac{3}{2}$



**Write a rule to describe each transformation.**

16)  $U(-2, -1), K(0, 2), F(2, -2)$   
to  
 $U'(-3, -1.5), K'(0, 3), F'(3, -3)$

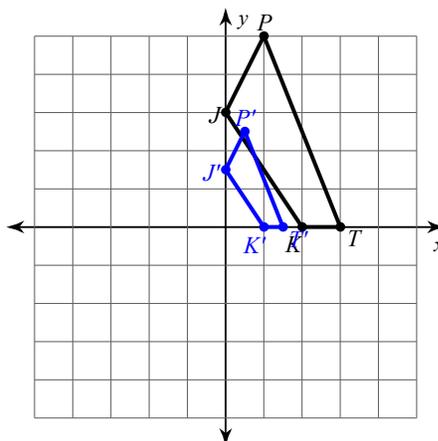
17)  $V(-1, -2), K(-1, 3), Y(1, 0)$   
to  
 $V'(-1.5, -3), K'(-1.5, 4.5), Y'(1.5, 0)$

18)  $K(-1, -2), U(-2, 2), V(2, 2), Q(2, -1)$   
to  
 $K'(-2, -4), U'(-4, 4), V'(4, 4), Q'(4, -2)$

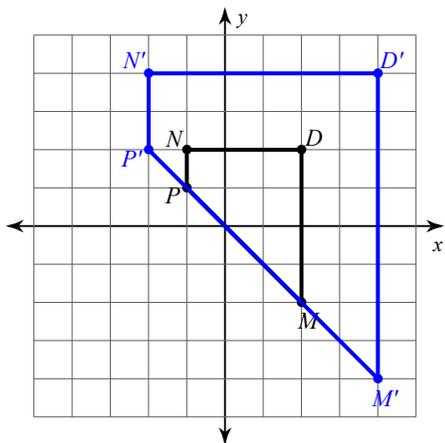
19)  $N(-4, 1), T(-5, 3), J(-4, 3), C(-1, 0)$   
to  
 $N'(-1, 0.25), T'(-1.25, 0.75), J'(-1, 0.75), C'(-0.25, 0)$

20)  $K(-1, 0), N(-2, 2), H(3, 3), T(3, -2)$   
to  
 $K'(-1.5, 0), N'(-3, 3), H'(4.5, 4.5), T'(4.5, -3)$

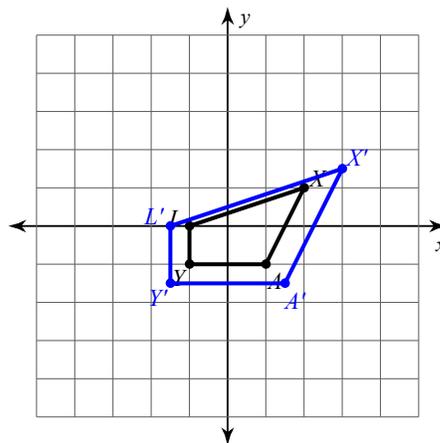
21)



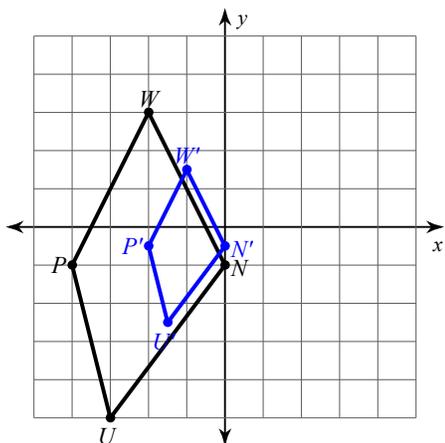
22)



23)



24)



25)

