

DILATION OF 2 with Center: Origin (0,0)

Original Figure

New Figure

T (**-1** , **2**)

T' (,)

Q (,)

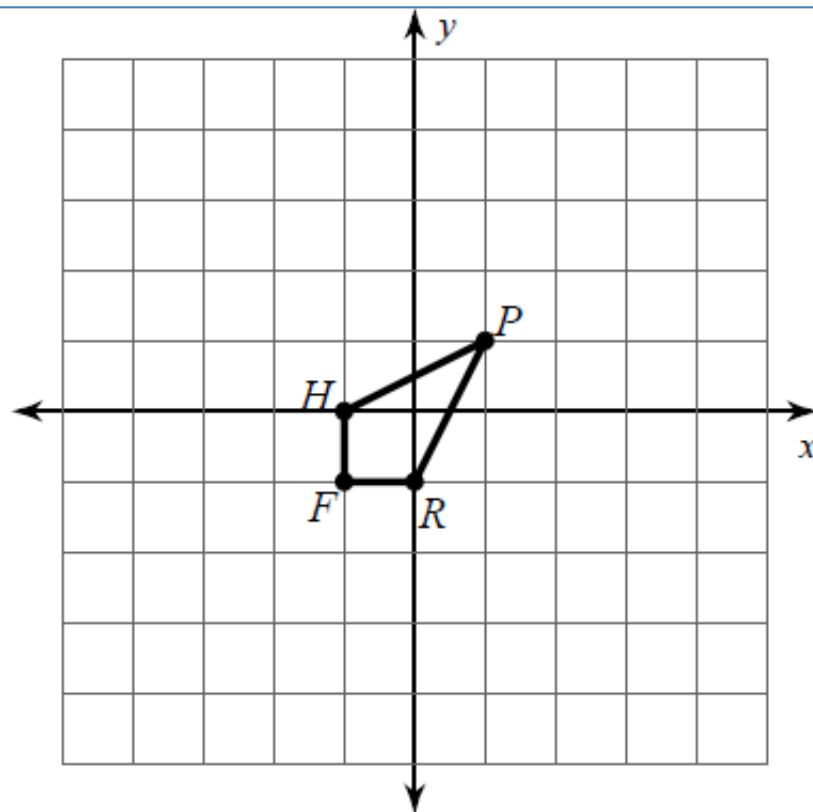
Q' (,)

N (,)

N' (,)

P (,)

P' (,)



DILATION OF 3 with Center: Origin (0,0)

Original Figure

New Figure

P (,)

P' (,)

R (,)

R' (,)

F (,)

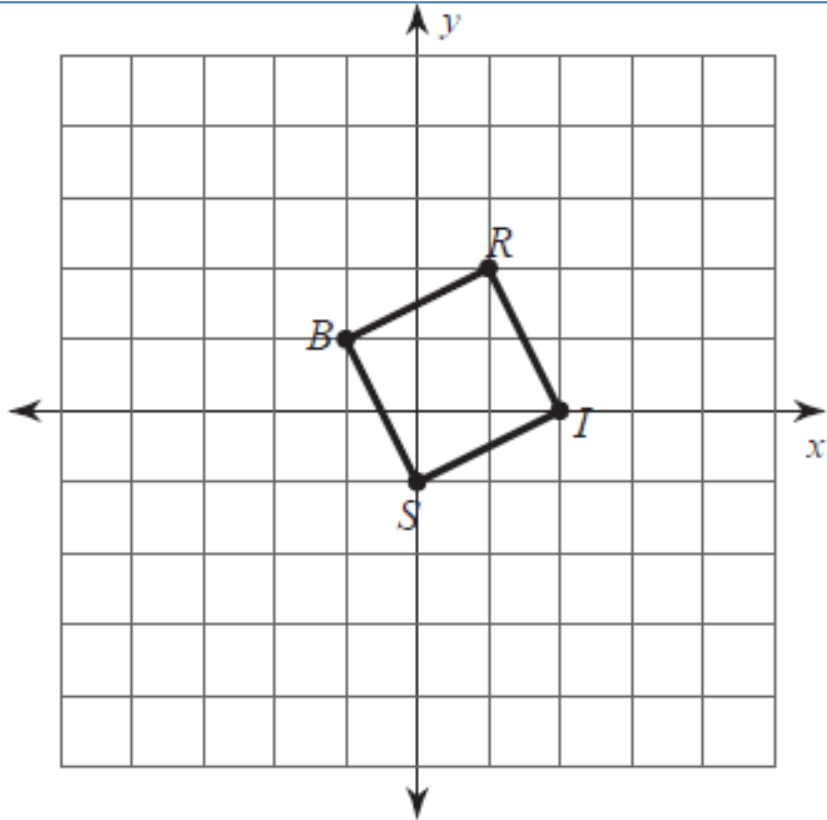
F' (,)

H (,)

H' (,)



Directions: You must complete both sets of Coordinates. Sketch new figure labeling new points on graph above.



DILATION OF 2 with Center: Origin (0,0)

Original Figure

New Figure

R (,)

R' (,)

I (,)

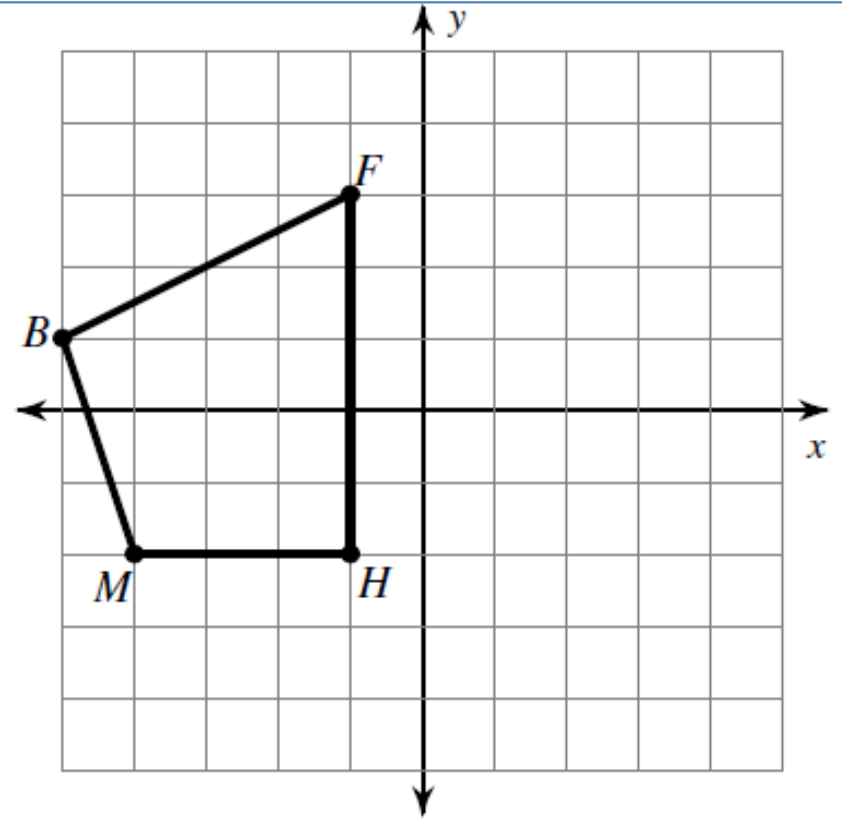
I' (,)

S (,)

S' (,)

B (,)

B' (,)



DILATION OF 1/2 with Center: Origin (0,0)

Original Figure

New Figure

F (,)

F' (,)

H (,)

H' (,)

M (,)

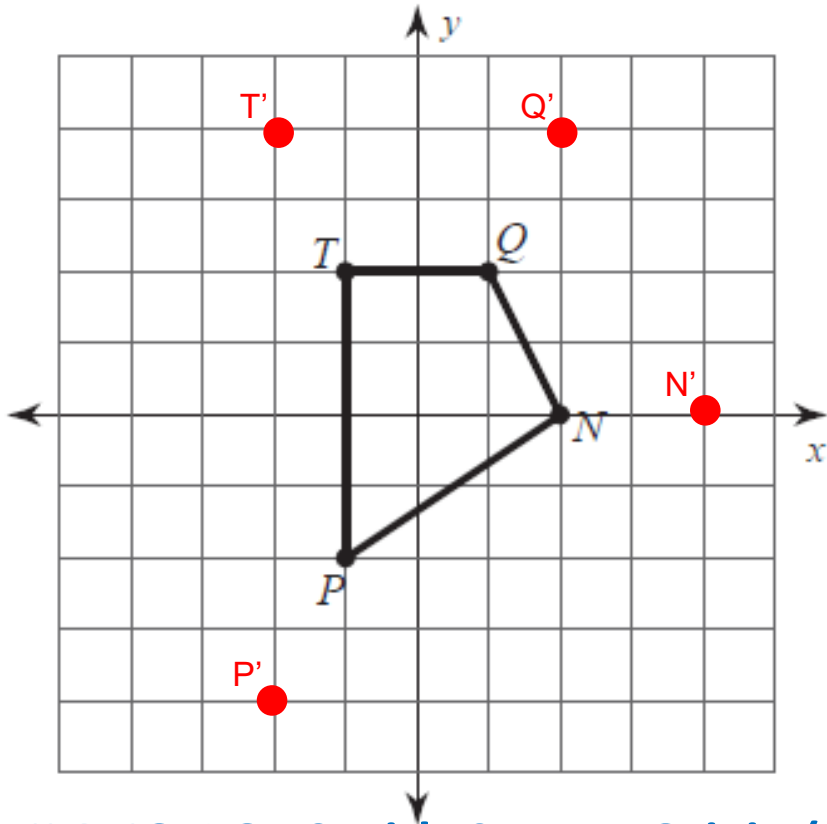
M' (,)

B (,)

B' (,)



Directions: You must complete both sets of Coordinates. Sketch new figure labeling new points on graph above.



DILATION OF 2 with Center: Origin (0,0)

Original Figure

T (-1 , 2)

Q (1 , 2)

N (2 , 0)

P (-1 , -2)

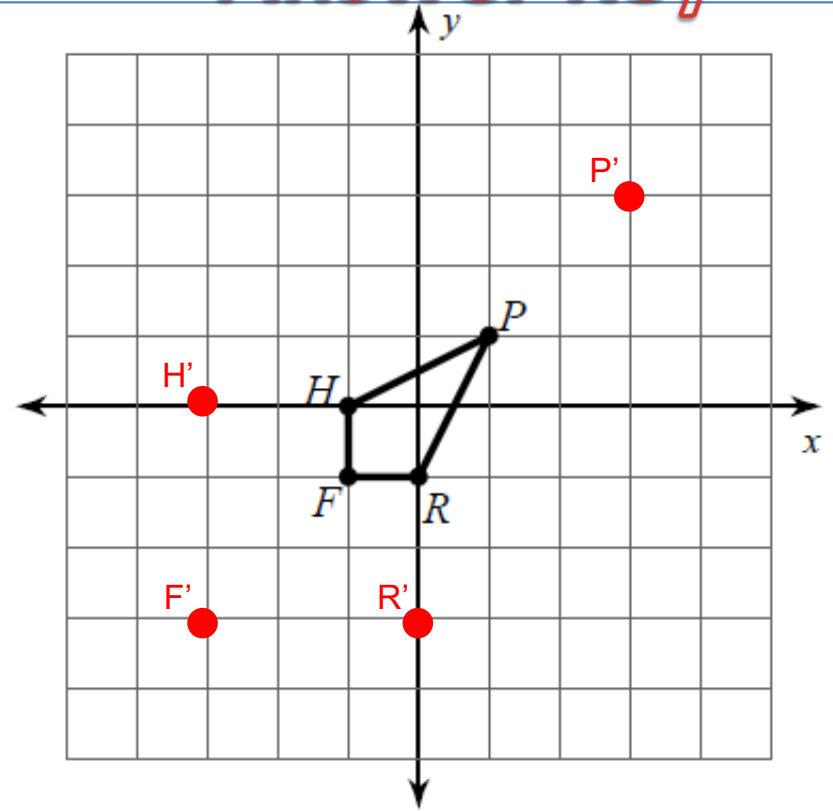
New Figure

T' (-2 , 4)

Q' (2 , 4)

N' (4 , 0)

P' (-2 , -4)



DILATION OF 3 with Center: Origin (0,0)

Original Figure

P (1 , 1)

R (0 , -1)

F (-1 , -1)

H (-1 , 0)

New Figure

P' (3 , 3)

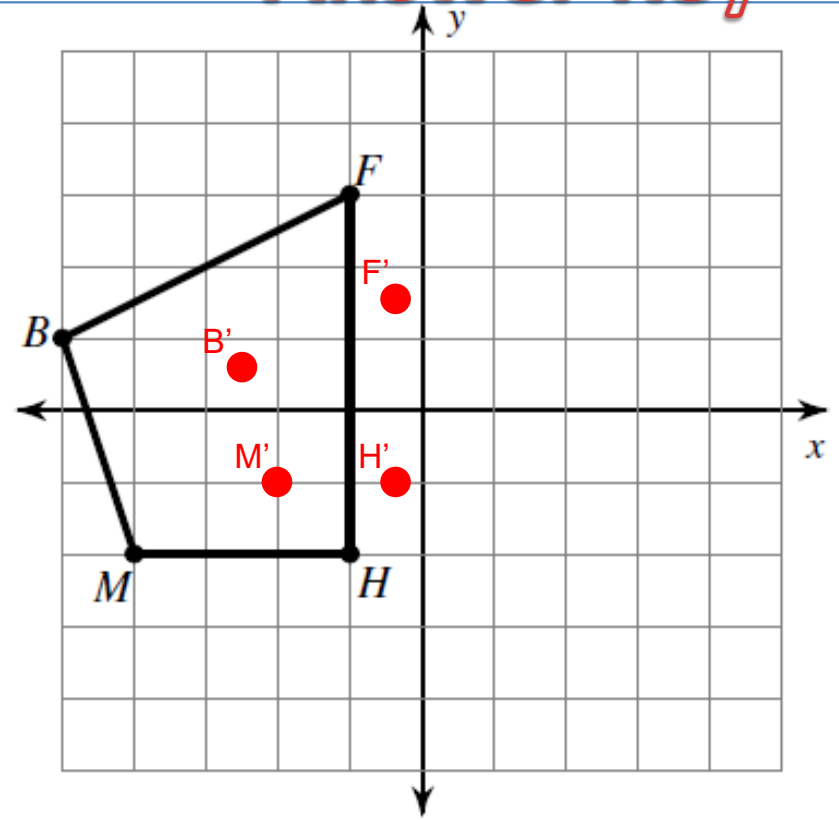
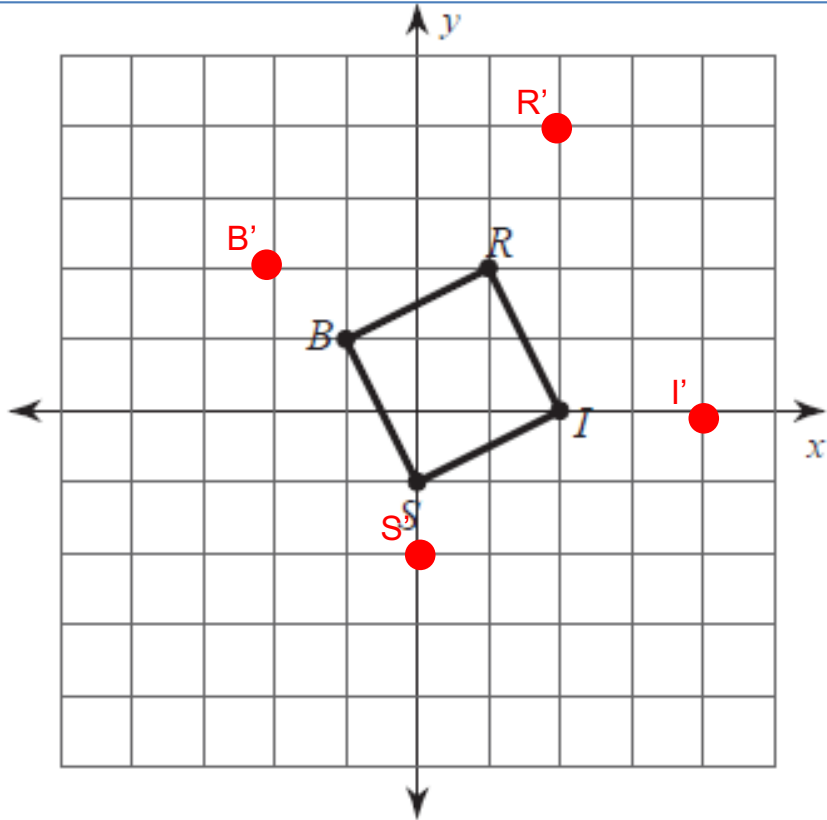
R' (0 , -3)

F' (-3 , -3)

H' (-3 , 0)



Directions: You must complete both sets of Coordinates. Sketch new figure labeling new points on graph above.



DILATION OF 2 with Center: Origin (0,0)

Original Figure

New Figure

R (1 , 2)

R' (2 , 4)

I (2 , 0)

I' (4 , 0)

S (0 , -1)

S' (0 , -2)

B (-1 , 1)

B' (-2 , 2)



DILATION OF 1/2 with Center: Origin (0,0)

Original Figure

New Figure

F (-1 , 3)

F' (-0.5 , 1.5)

H (-1 , -2)

H' (-0.5 , -1)

M (-4 , -2)

M' (-2 , -1)

B (-5 , 1)

B' (-2.5 , 0.5)



Directions: You must complete both sets of Coordinates. Sketch new figure labeling new points on graph above.