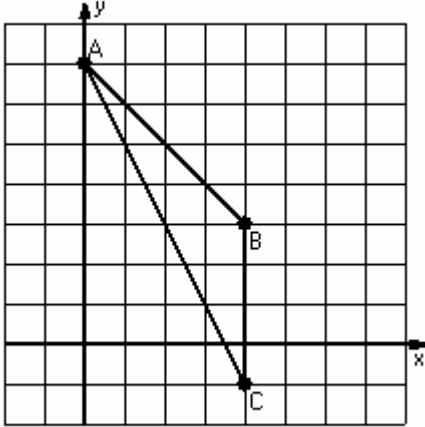


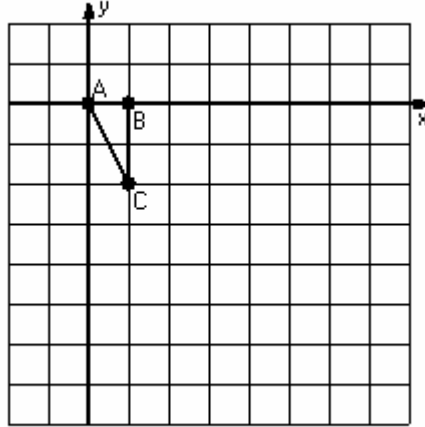
# Dilations (A)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

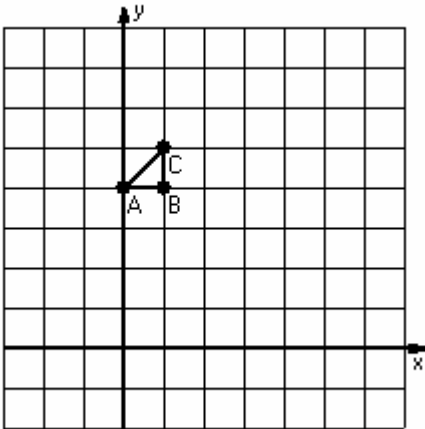
1) Dilation scale =  $\frac{1}{4}$ , center  $D(0,3)$



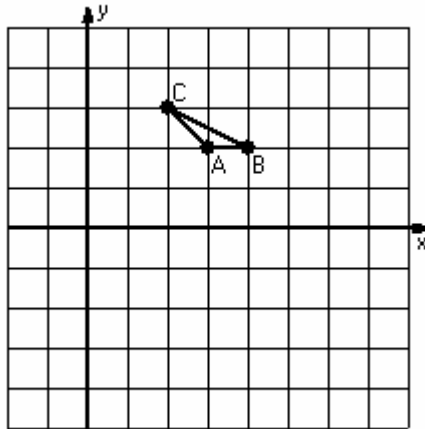
2) Dilation scale = 2, center  $D(0,-1)$



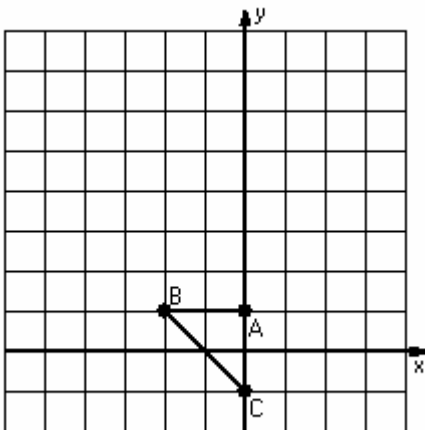
3) Dilation scale = 3, center  $D(-1,4)$



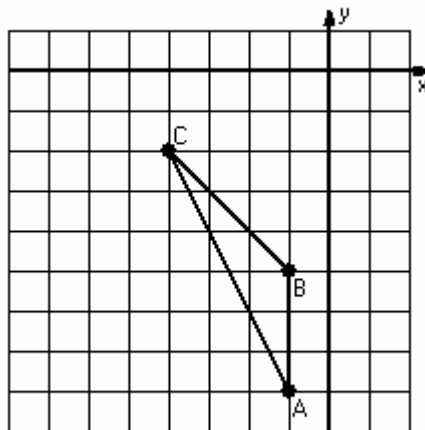
4) Dilation scale = 4, center  $D(3,3)$



5) Dilation scale =  $\frac{1}{2}$ , center  $D(2,5)$



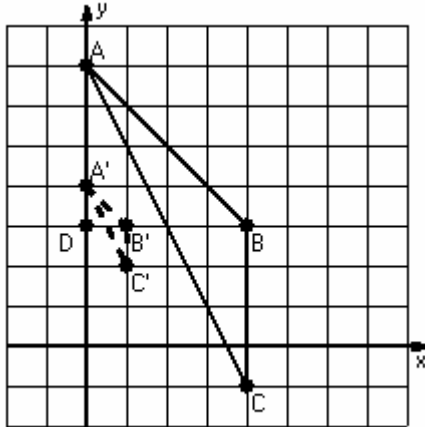
6) Dilation scale =  $\frac{1}{3}$ , center  $D(-4,-5)$



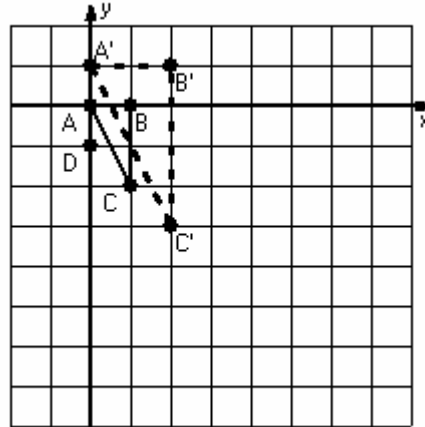
## Dilations Answer (A)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

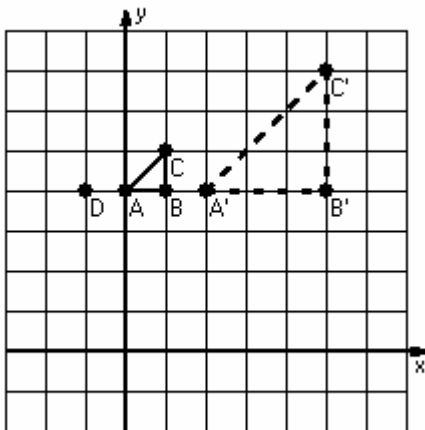
1) Dilation scale =  $\frac{1}{4}$ , center  $D(0,3)$



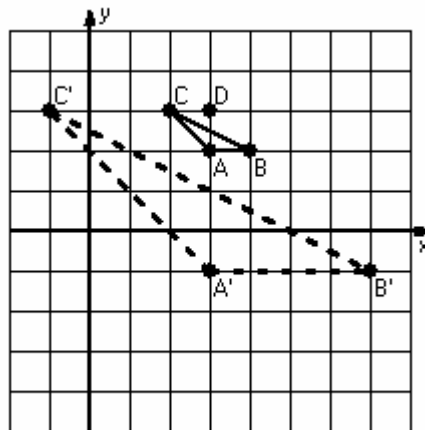
2) Dilation scale = 2, center  $D(0,-1)$



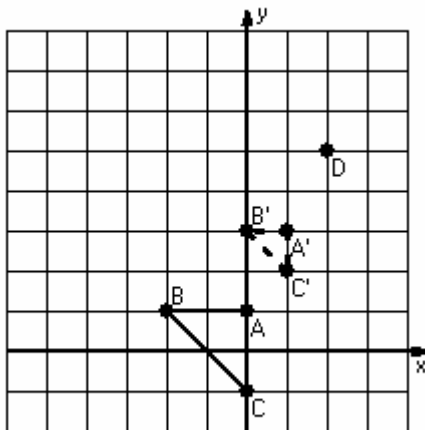
3) Dilation scale = 3, center  $D(-1,4)$



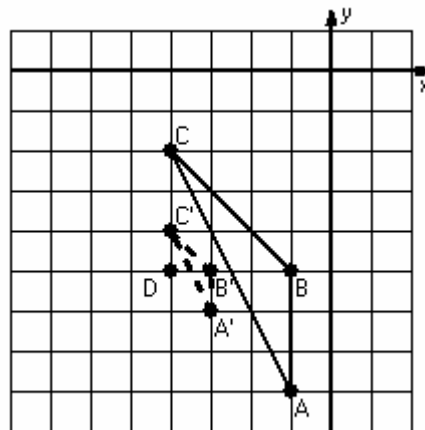
4) Dilation scale = 4, center  $D(3,3)$



5) Dilation scale =  $\frac{1}{2}$ , center  $D(2,5)$



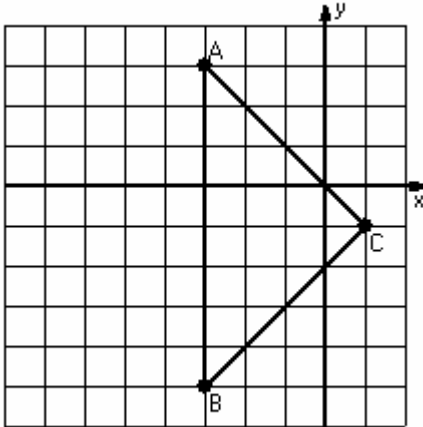
6) Dilation scale =  $\frac{1}{3}$ , center  $D(-4,-5)$



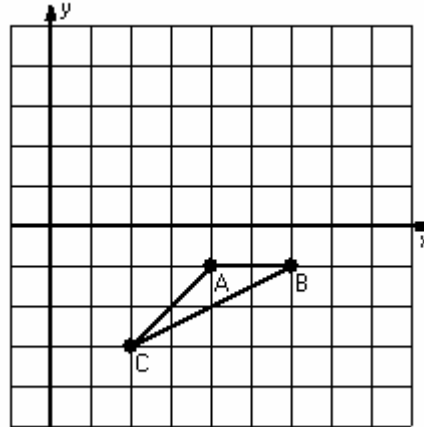
## Dilations (B)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

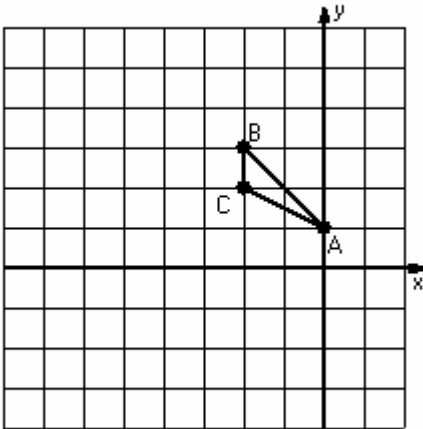
1) Dilation scale =  $\frac{1}{4}$ , center  $D(-3,-1)$



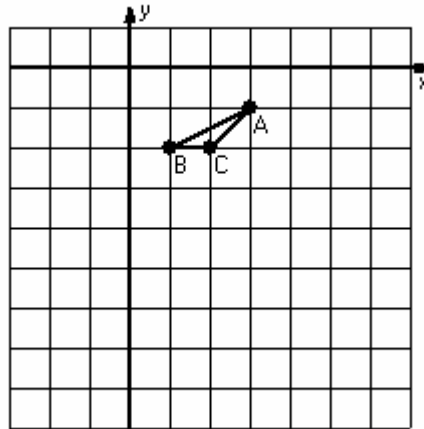
2) Dilation scale = 2, center  $D(4,-2)$



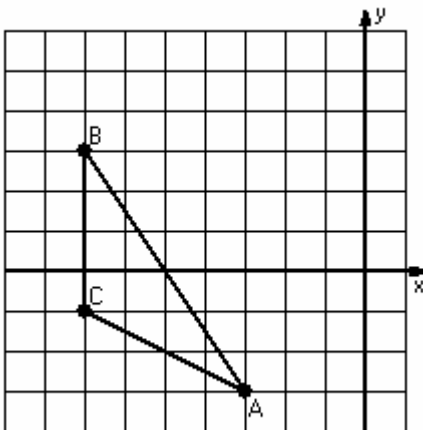
3) Dilation scale = 3, center  $D(0,3)$



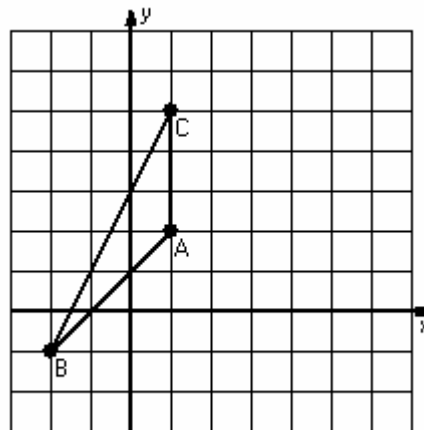
4) Dilation scale = 4, center  $D(2,-1)$



5) Dilation scale =  $\frac{1}{2}$ , center  $D(-1,3)$



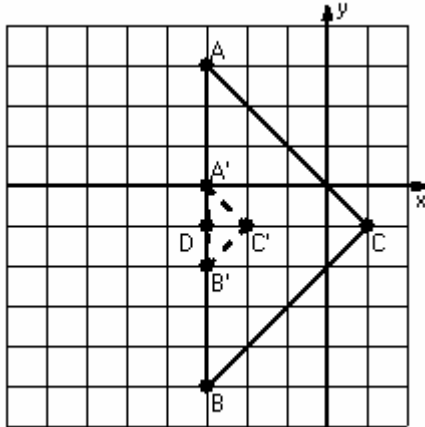
6) Dilation scale =  $\frac{1}{3}$ , center  $D(4,2)$



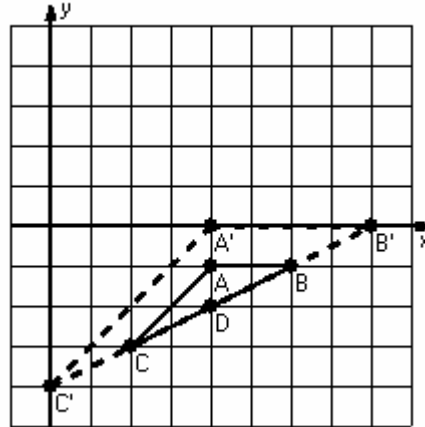
## Dilations Answer (B)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

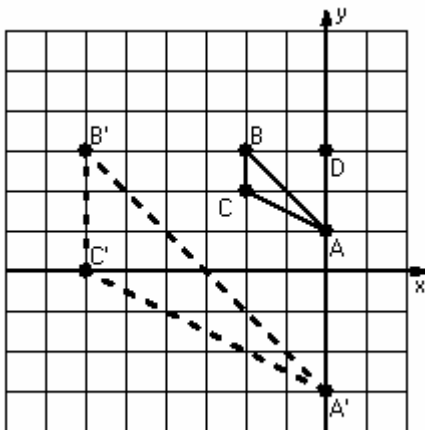
1) Dilation scale =  $\frac{1}{4}$ , center  $D(-3,-1)$



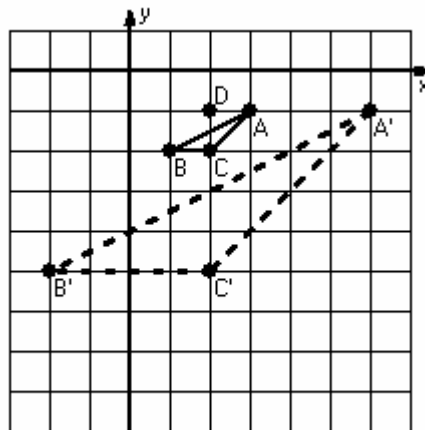
2) Dilation scale = 2, center  $D(4,-2)$



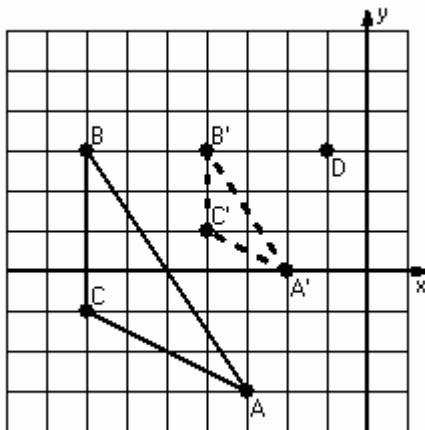
3) Dilation scale = 3, center  $D(0,3)$



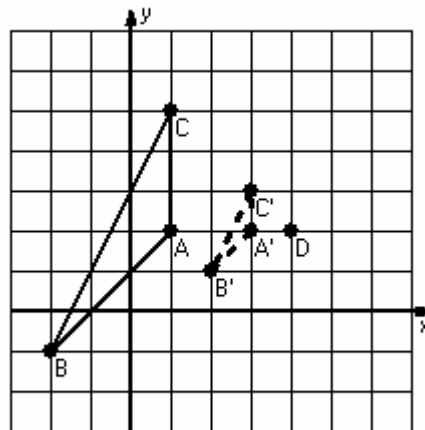
4) Dilation scale = 4, center  $D(2,-1)$



5) Dilation scale =  $\frac{1}{2}$ , center  $D(-1,3)$



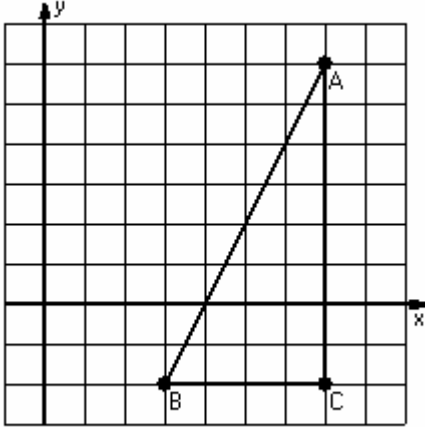
6) Dilation scale =  $\frac{1}{3}$ , center  $D(4,2)$



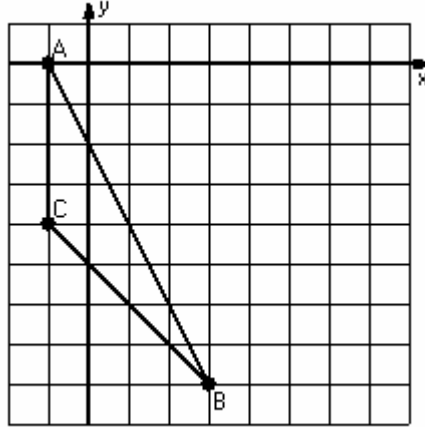
## Dilations (C)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

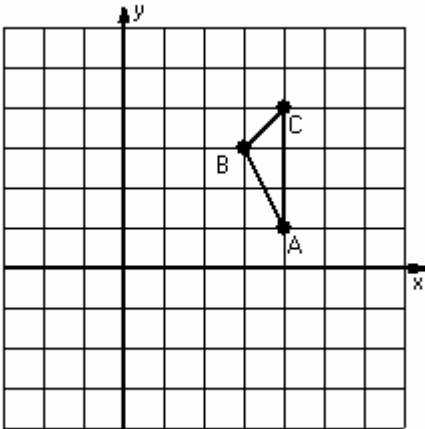
1) Dilation scale =  $\frac{1}{2}$ , center  $D(1,0)$



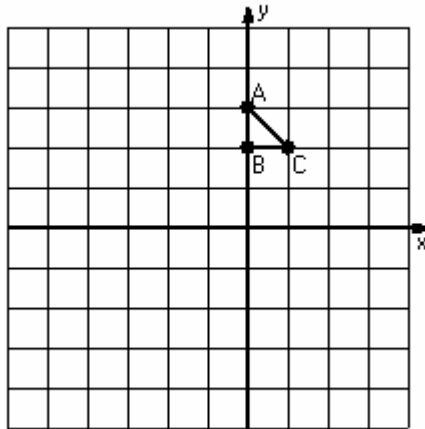
2) Dilation scale =  $\frac{1}{4}$ , center  $D(3,-4)$



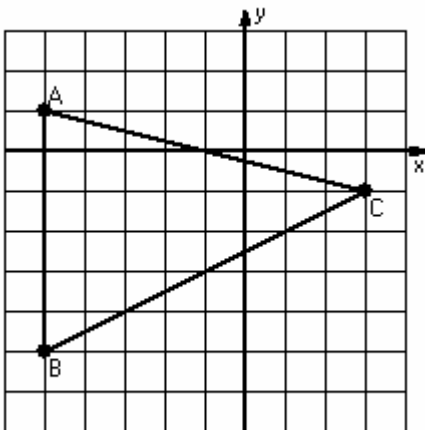
3) Dilation scale = 2, center  $D(5,4)$



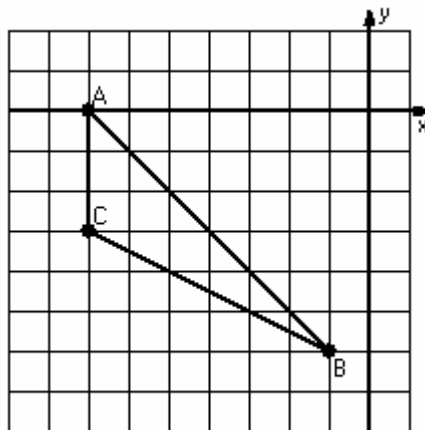
4) Dilation scale = 4, center  $D(1,3)$



5) Dilation scale =  $\frac{1}{2}$ , center  $D(1,-5)$



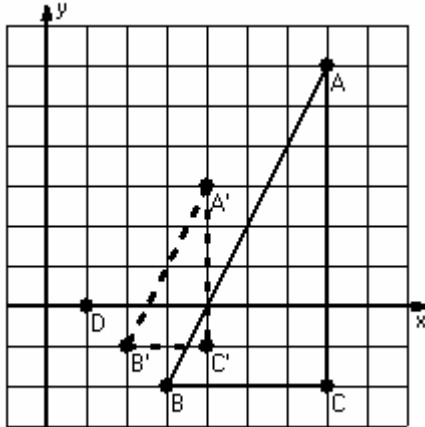
6) Dilation scale =  $\frac{1}{3}$ , center  $D(-1,-3)$



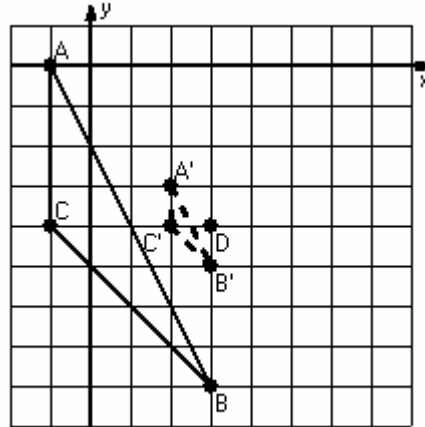
## Dilations Answer (C)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

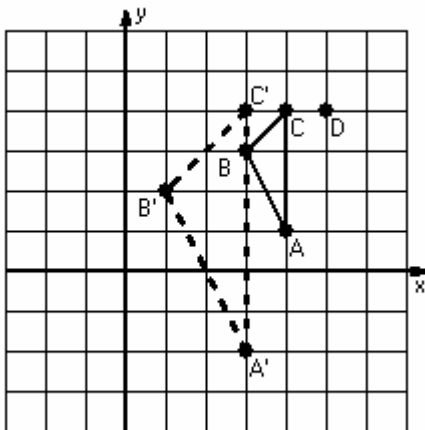
1) Dilation scale =  $1/2$ , center  $D(1,0)$



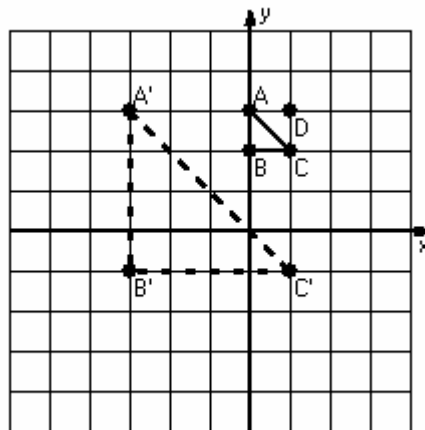
2) Dilation scale =  $1/4$ , center  $D(3,-4)$



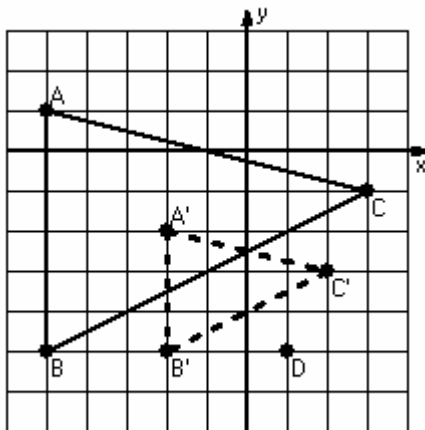
3) Dilation scale = 2, center  $D(5,4)$



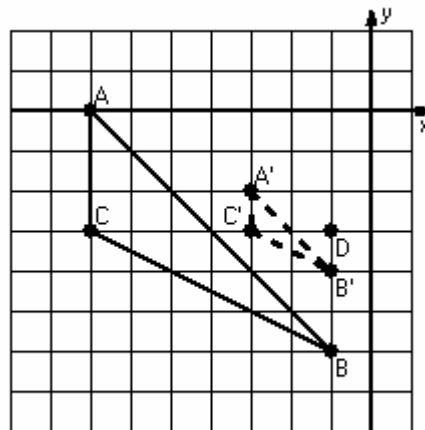
4) Dilation scale = 4, center  $D(1,3)$



5) Dilation scale =  $1/2$ , center  $D(1,-5)$



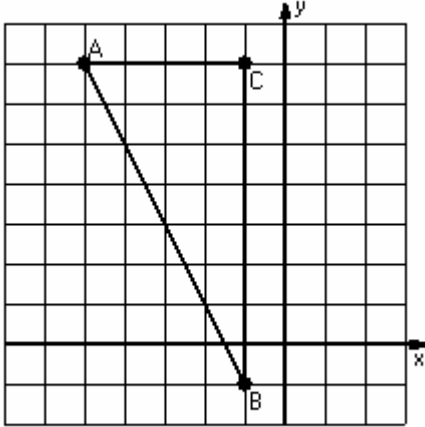
6) Dilation scale =  $1/3$ , center  $D(-1,-3)$



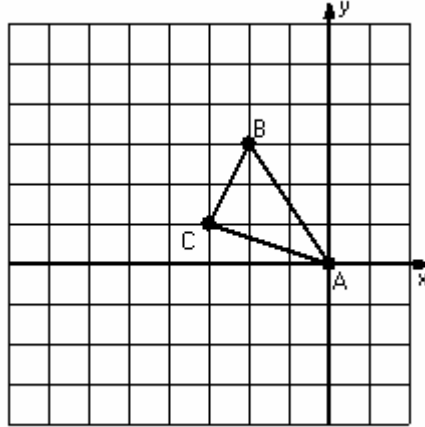
## Dilations (D)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

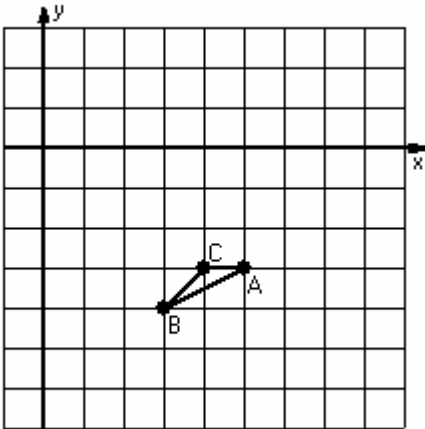
1) Dilation scale =  $\frac{1}{4}$ , center  $D(-1,3)$



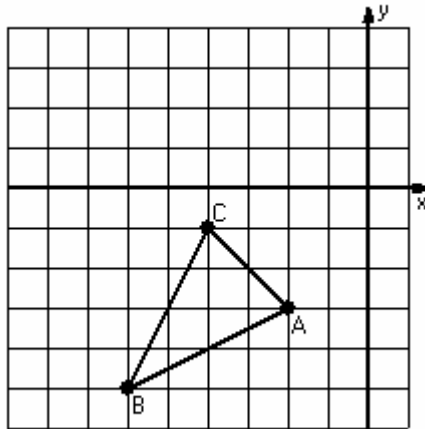
2) Dilation scale = 2, center  $D(0,3)$



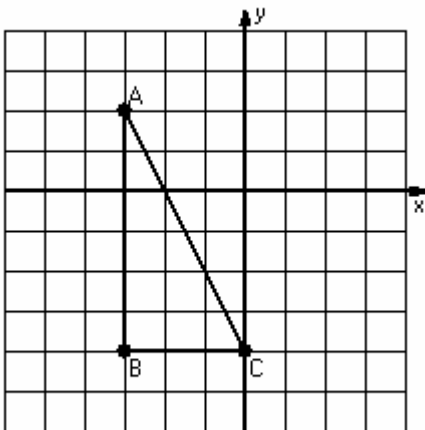
3) Dilation scale = 4, center  $D(4,-4)$



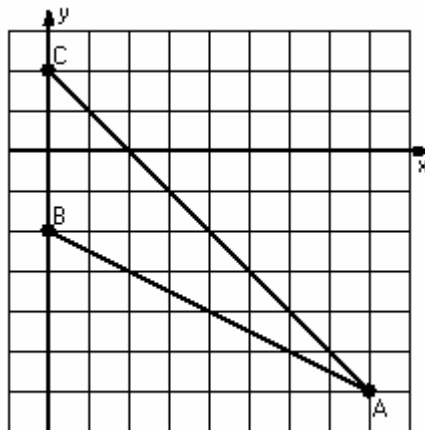
4) Dilation scale =  $\frac{1}{2}$ , center  $D(-6,-3)$



5) Dilation scale =  $\frac{1}{3}$ , center  $D(0,2)$



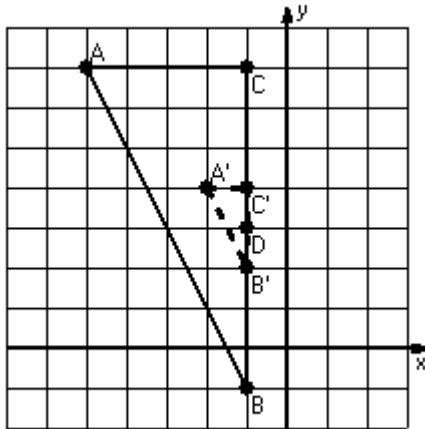
6) Dilation scale =  $\frac{1}{4}$ , center  $D(4,-2)$



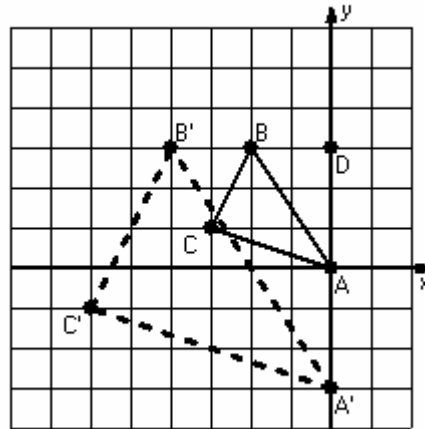
## Dilations Answer (D)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

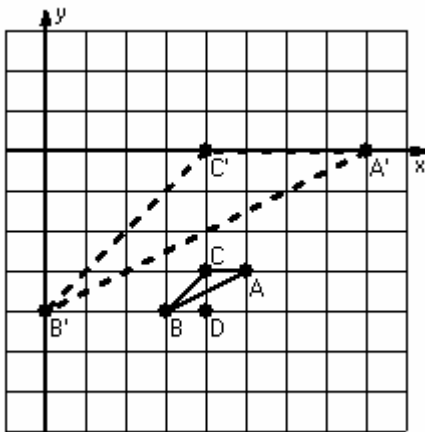
1) Dilation scale =  $1/4$ , center  $D(-1,3)$



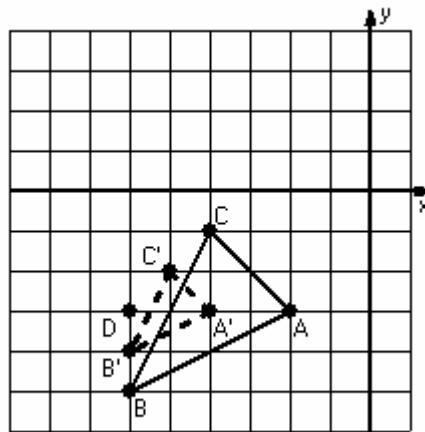
2) Dilation scale = 2, center  $D(0,3)$



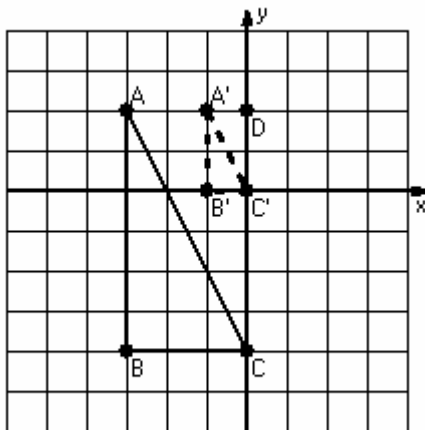
3) Dilation scale = 4, center  $D(4,-4)$



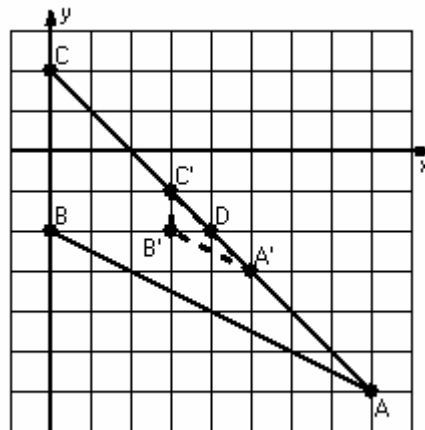
4) Dilation scale =  $1/2$ , center  $D(-6,-3)$



5) Dilation scale =  $1/3$ , center  $D(0,2)$



6) Dilation scale =  $1/4$ , center  $D(4,-2)$

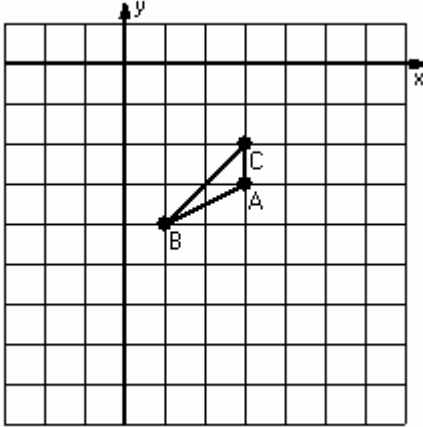




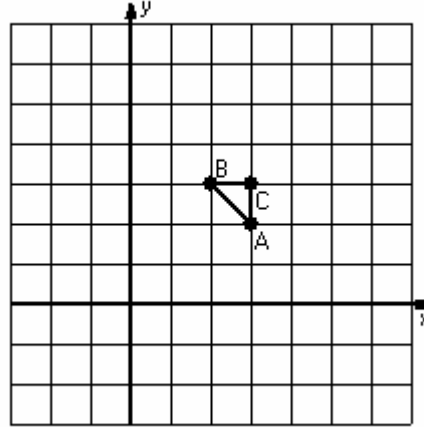
## Dilations (E)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

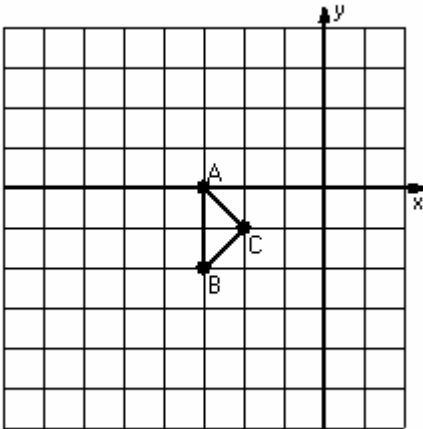
1) Dilation scale = 2, center  $D(4,-1)$



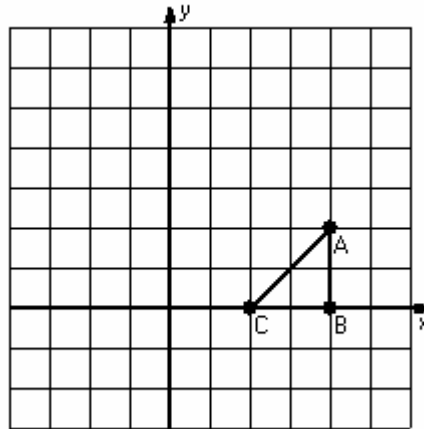
2) Dilation scale = 3, center  $D(4,2)$



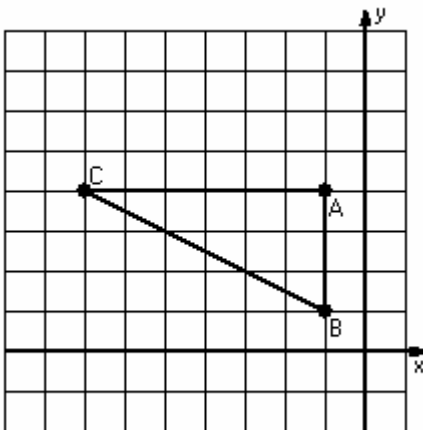
3) Dilation scale = 4, center  $D(-3,-1)$



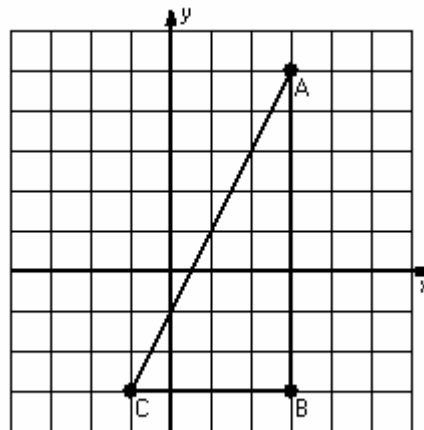
4) Dilation scale =  $1/2$ , center  $D(-2,2)$



5) Dilation scale =  $1/3$ , center  $D(-4,4)$



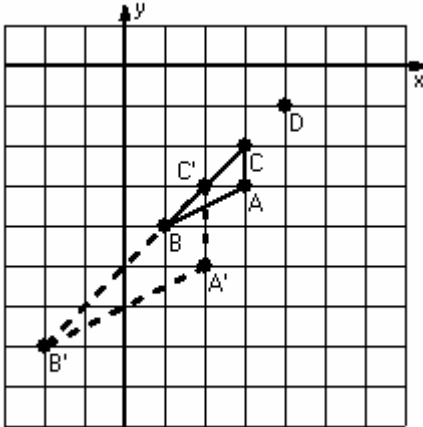
6) Dilation scale =  $1/4$ , center  $D(3,1)$



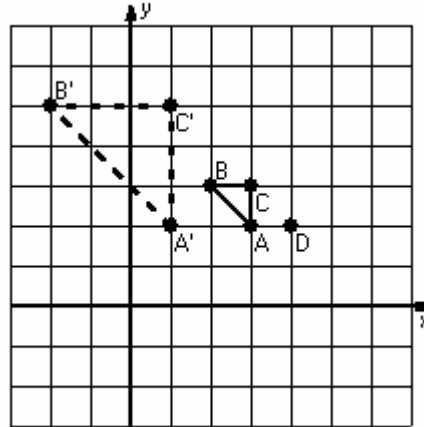
## Dilations Answer (E)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

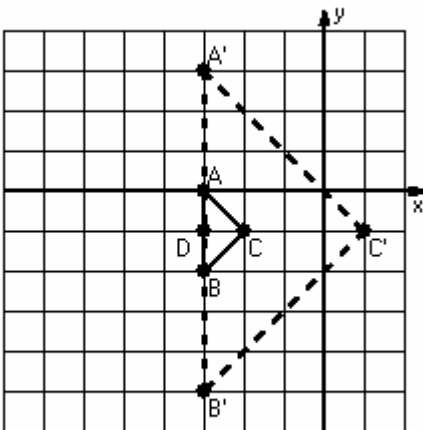
1) Dilation scale = 2, center  $D(4,-1)$



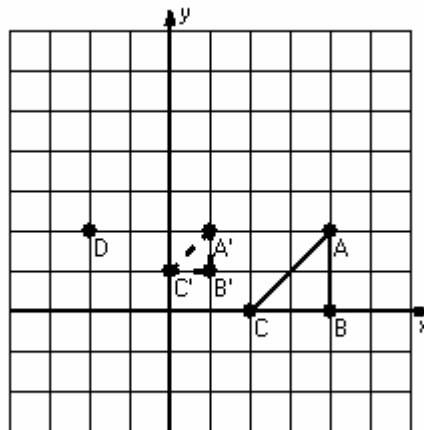
2) Dilation scale = 3, center  $D(4,2)$



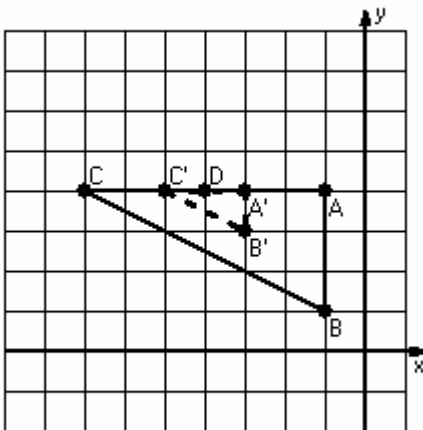
3) Dilation scale = 4, center  $D(-3,-1)$



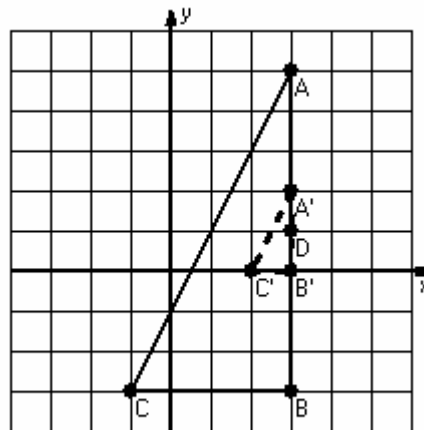
4) Dilation scale =  $1/2$ , center  $D(-2,2)$



5) Dilation scale =  $1/3$ , center  $D(-4,4)$



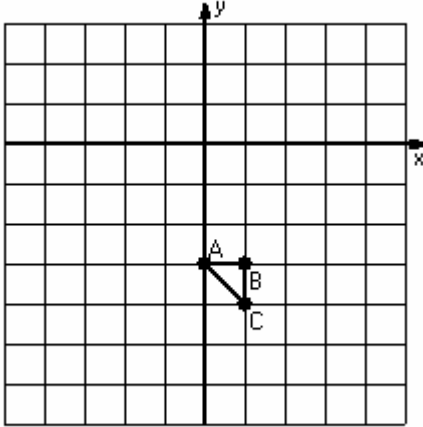
6) Dilation scale =  $1/4$ , center  $D(3,1)$



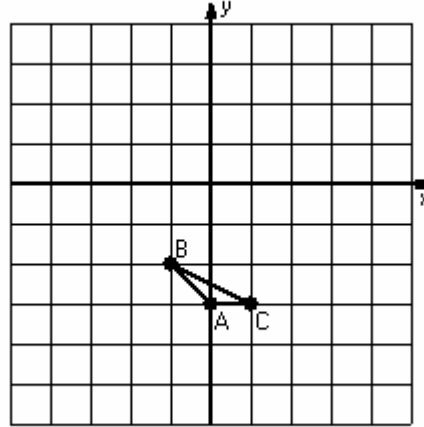
## Dilations (F)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

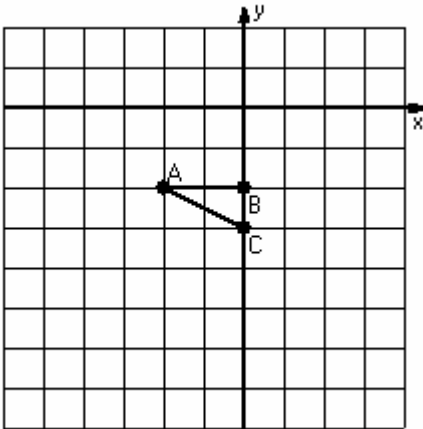
1) Dilation scale = 2, center D(2,-4)



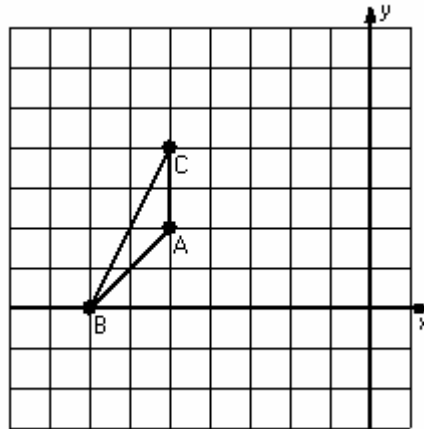
2) Dilation scale = 3, center D(0,-2)



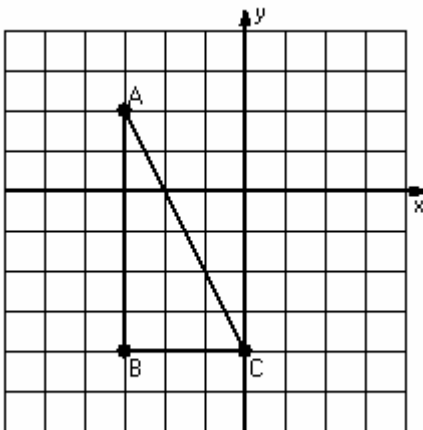
3) Dilation scale = 4, center D(-1,-2)



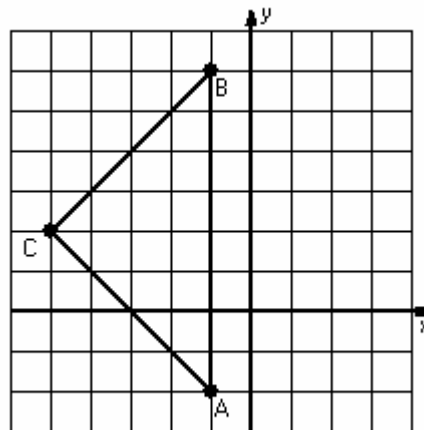
4) Dilation scale = 1/2, center D(-7,2)



5) Dilation scale = 1/3, center D(0,2)



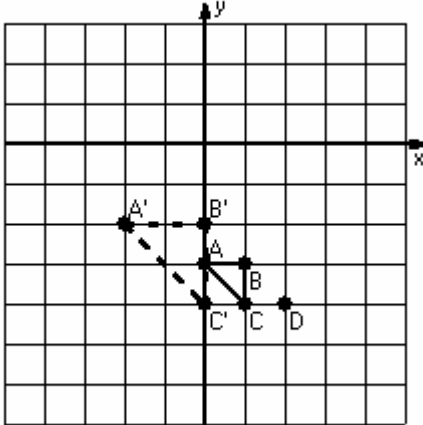
6) Dilation scale = 1/4, center D(-1,2)



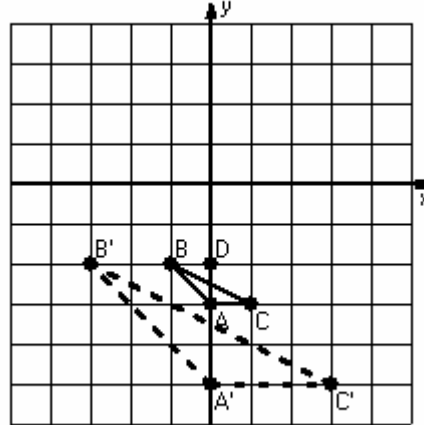
## Dilations Answer (F)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

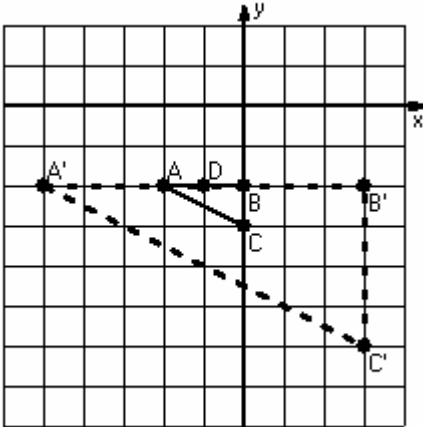
1) Dilation scale = 2, center D(2,-4)



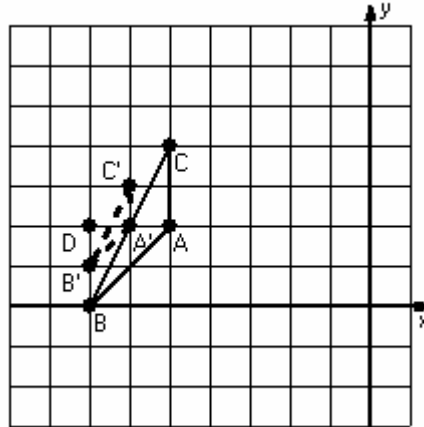
2) Dilation scale = 3, center D(0,-2)



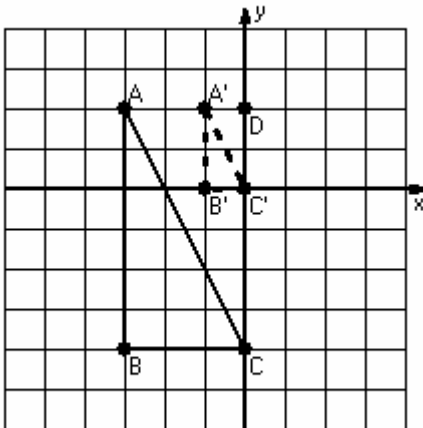
3) Dilation scale = 4, center D(-1,-2)



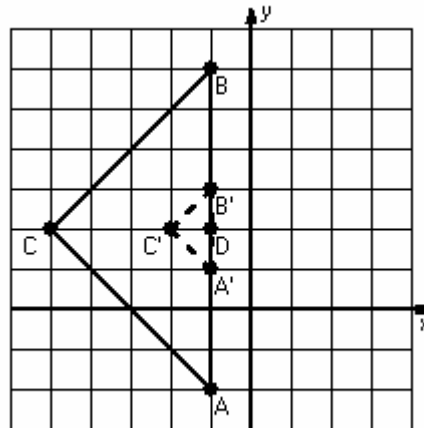
4) Dilation scale = 1/2, center D(-7,2)



5) Dilation scale = 1/3, center D(0,2)



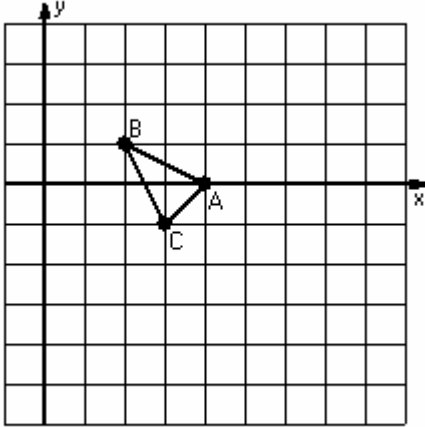
6) Dilation scale = 1/4, center D(-1,2)



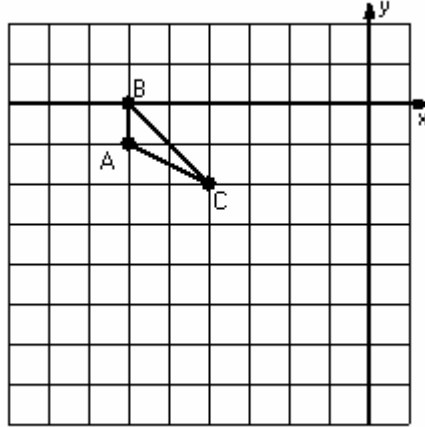
# Dilations (G)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

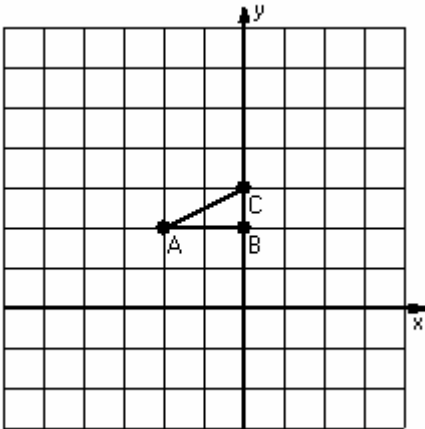
1) Dilation scale = 2, center  $D(2,-1)$



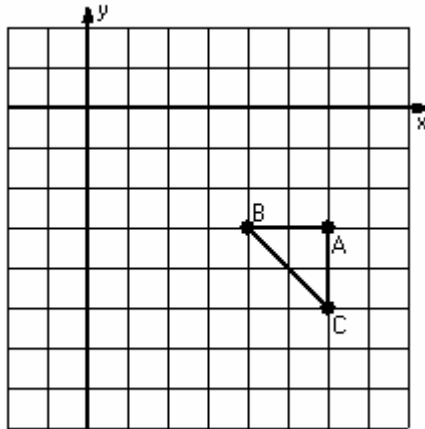
2) Dilation scale = 3, center  $D(-5,0)$



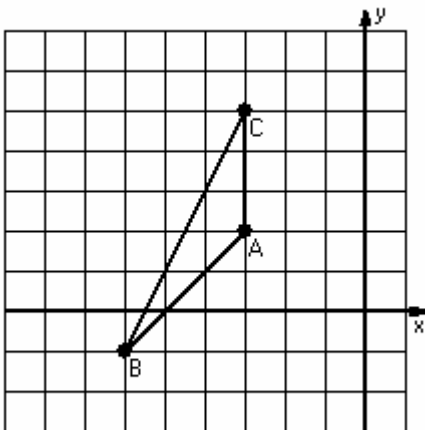
3) Dilation scale = 4, center  $D(-1,2)$



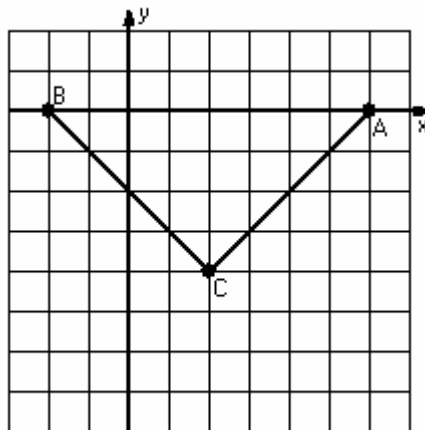
4) Dilation scale =  $1/2$ , center  $D(2,-5)$



5) Dilation scale =  $1/3$ , center  $D(-6,2)$



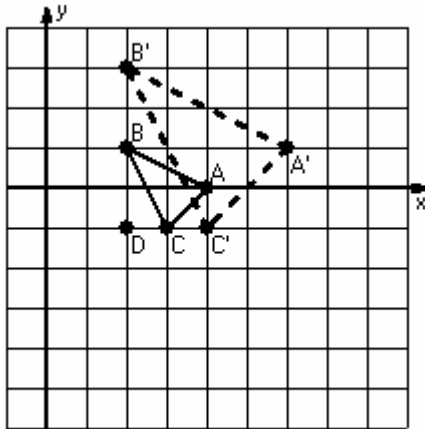
6) Dilation scale =  $1/4$ , center  $D(2,0)$



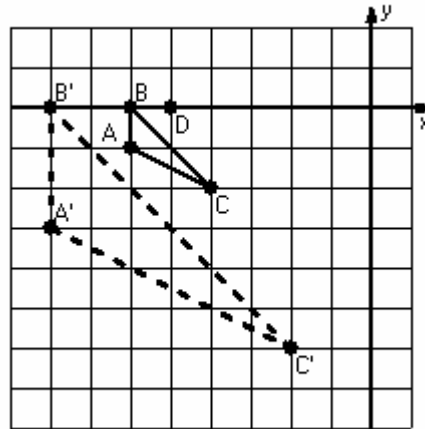
## Dilations Answer (G)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

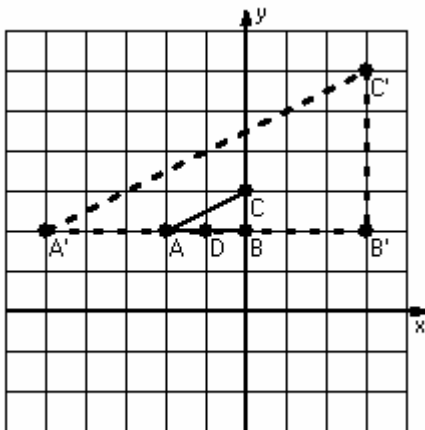
1) Dilation scale = 2, center D(2,-1)



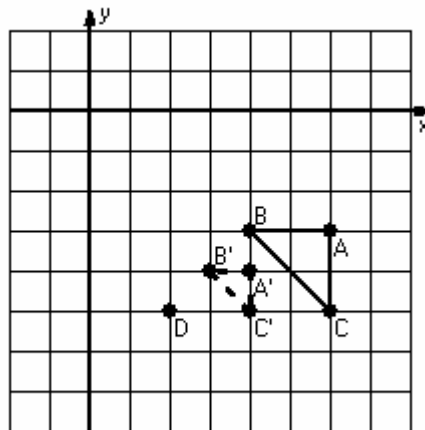
2) Dilation scale = 3, center D(-5,0)



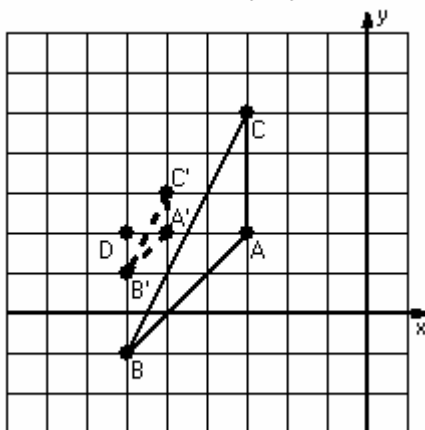
3) Dilation scale = 4, center D(-1,2)



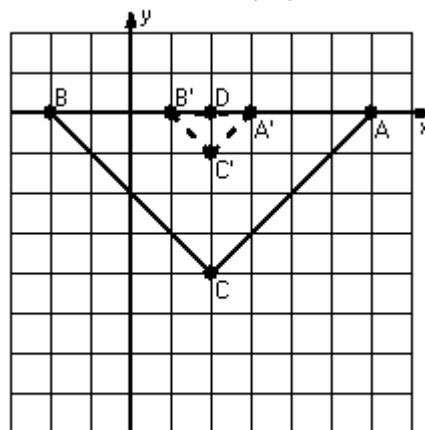
4) Dilation scale = 1/2, center D(2,-5)



5) Dilation scale = 1/3, center D(-6,2)



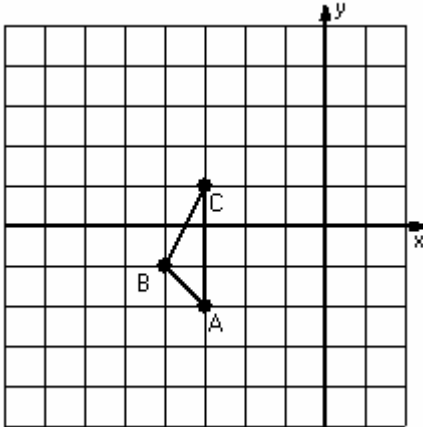
6) Dilation scale = 1/4, center D(2,0)



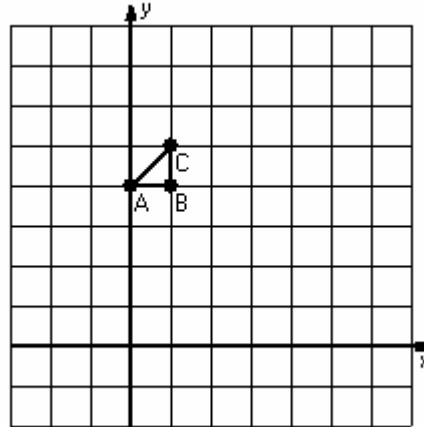
# Dilations (H)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

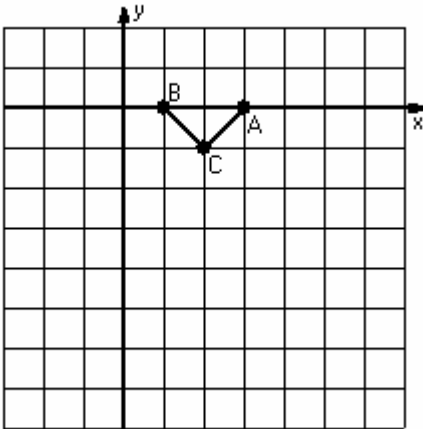
1) Dilation scale = 2, center  $D(-5,-1)$



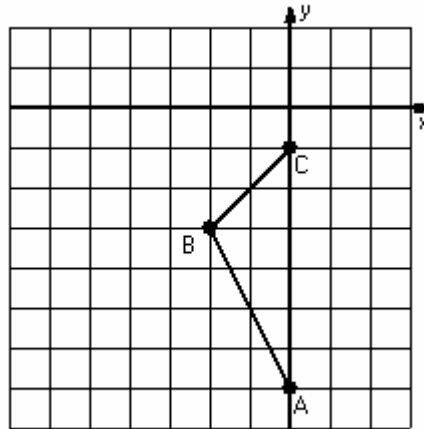
2) Dilation scale = 3, center  $D(-1,4)$



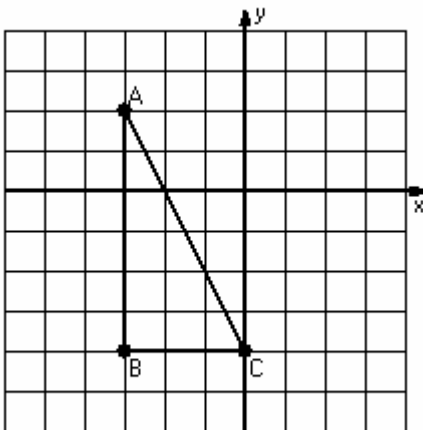
3) Dilation scale = 4, center  $D(2,0)$



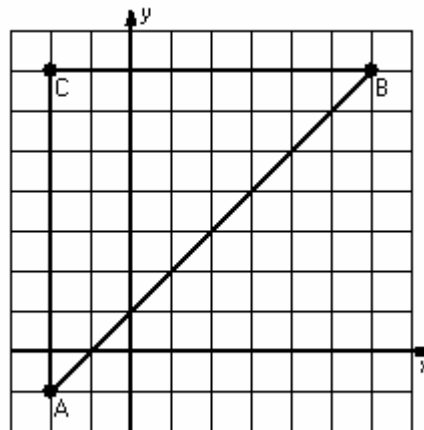
4) Dilation scale =  $1/2$ , center  $D(-2,-5)$



5) Dilation scale =  $1/3$ , center  $D(0,2)$



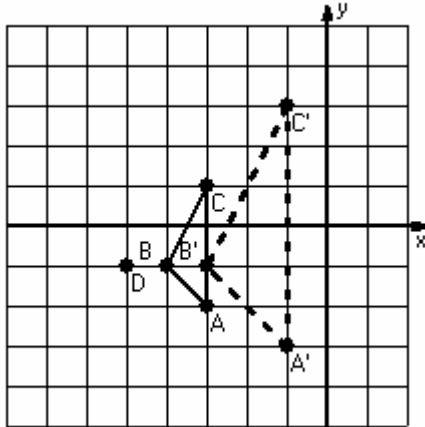
6) Dilation scale =  $1/4$ , center  $D(2,3)$



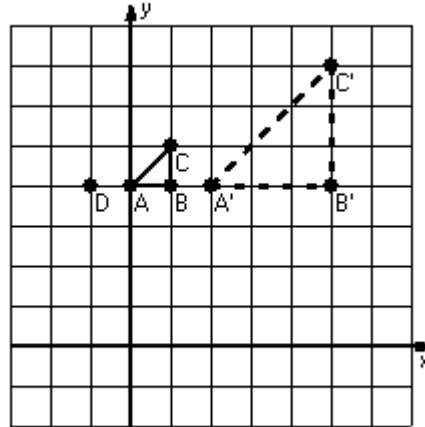
## Dilations Answer (H)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

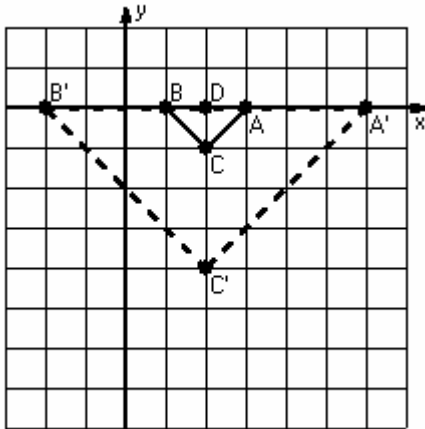
1) Dilation scale = 2, center D(-5,-1)



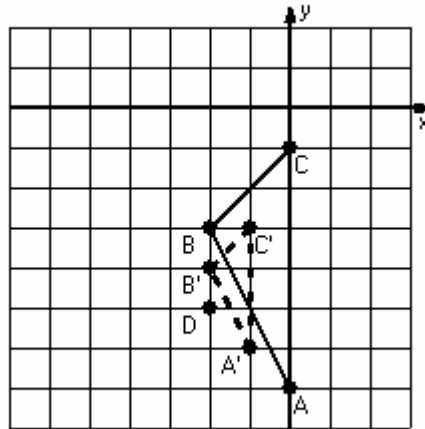
2) Dilation scale = 3, center D(-1,4)



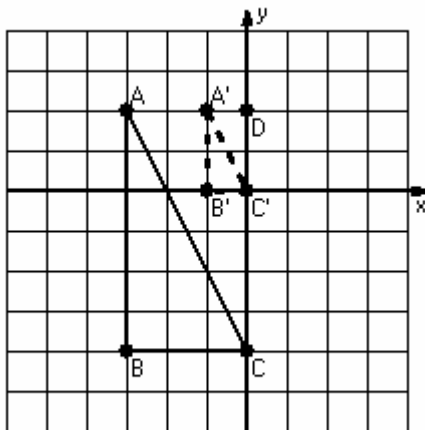
3) Dilation scale = 4, center D(2,0)



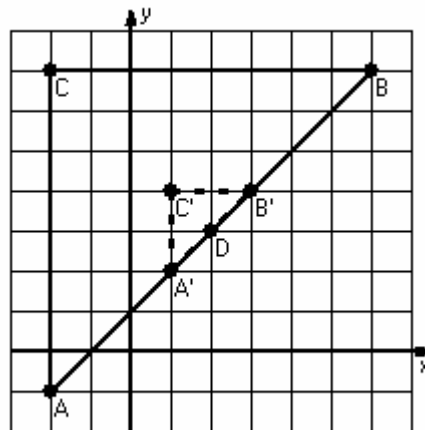
4) Dilation scale = 1/2, center D(-2,-5)



5) Dilation scale = 1/3, center D(0,2)



6) Dilation scale = 1/4, center D(2,3)

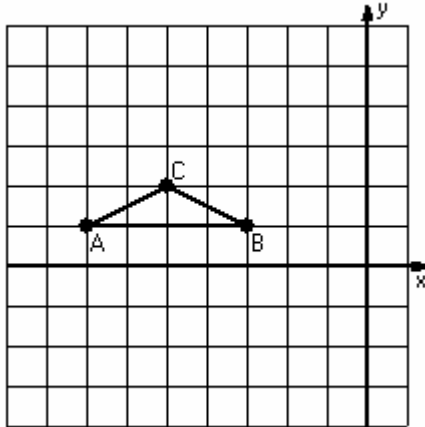




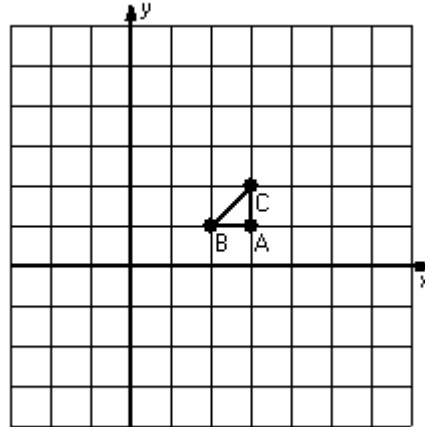
# Dilations (I)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

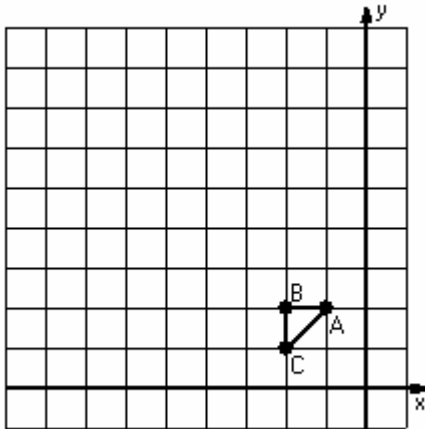
1) Dilation scale = 2, center  $D(-6,2)$



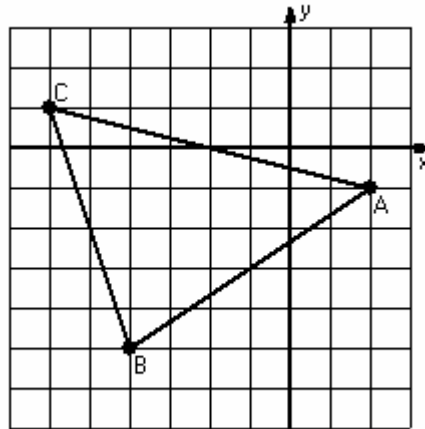
2) Dilation scale = 3, center  $D(4,1)$



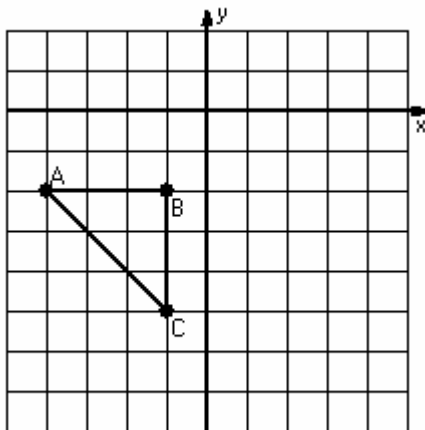
3) Dilation scale = 4, center  $D(-1,1)$



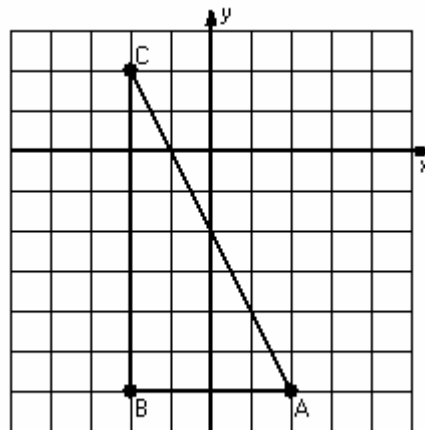
4) Dilation scale =  $1/2$ , center  $D(-2,1)$



5) Dilation scale =  $1/3$ , center  $D(2,-5)$



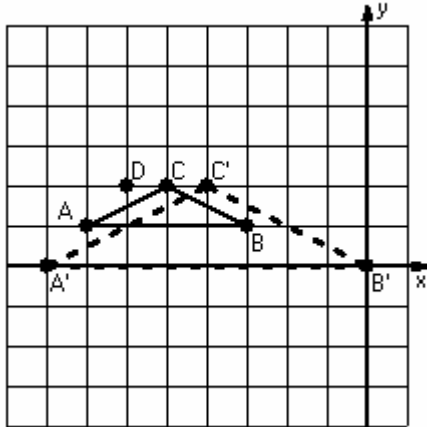
6) Dilation scale =  $1/4$ , center  $D(-2,-2)$



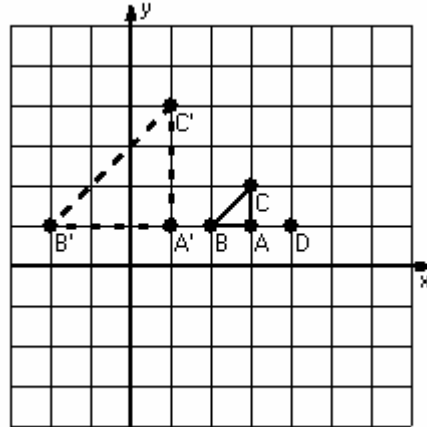
## Dilations Answer (I)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

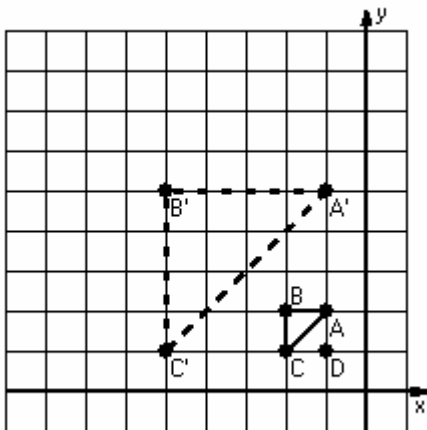
1) Dilation scale = 2, center  $D(-6,2)$



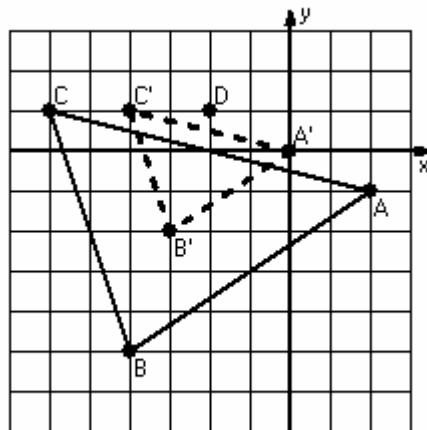
2) Dilation scale = 3, center  $D(4,1)$



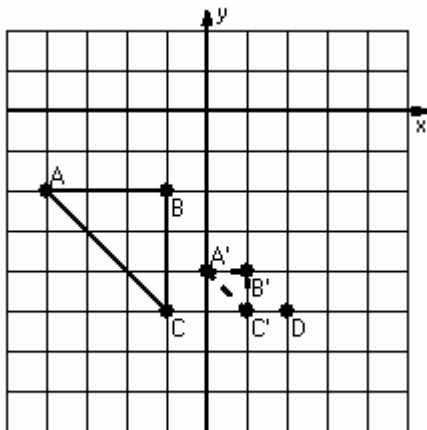
3) Dilation scale = 4, center  $D(-1,1)$



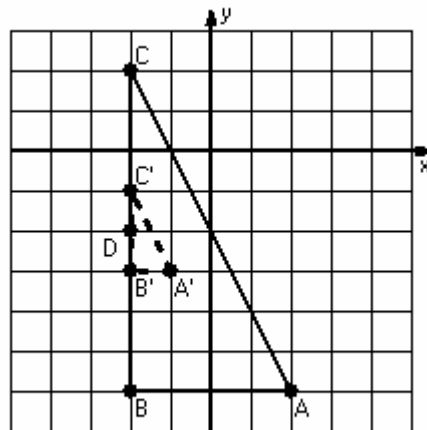
4) Dilation scale =  $1/2$ , center  $D(-2,1)$



5) Dilation scale =  $1/3$ , center  $D(2,-5)$



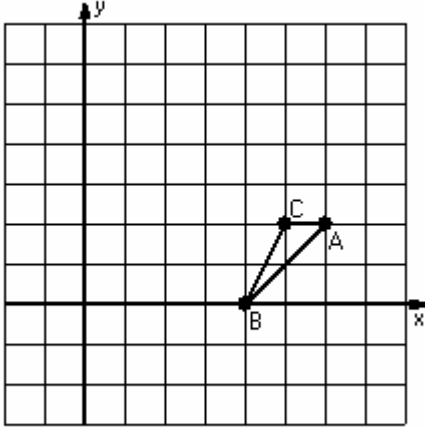
6) Dilation scale =  $1/4$ , center  $D(-2,-2)$



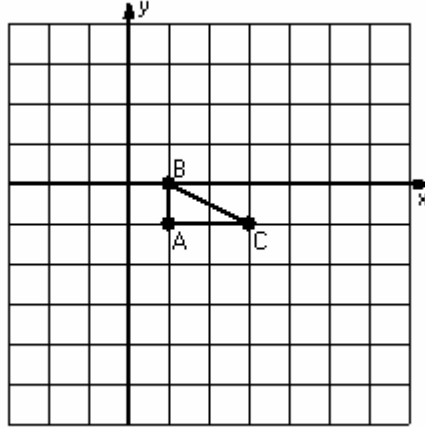
## Dilations (J)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

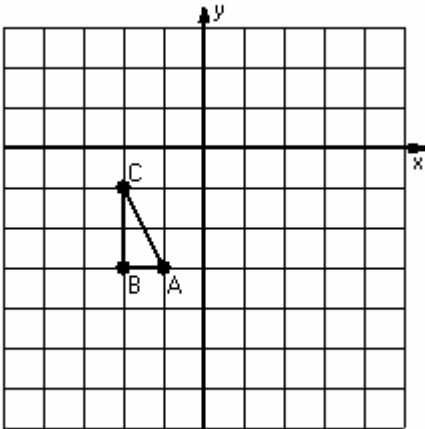
1) Dilation scale = 2, center D(6,1)



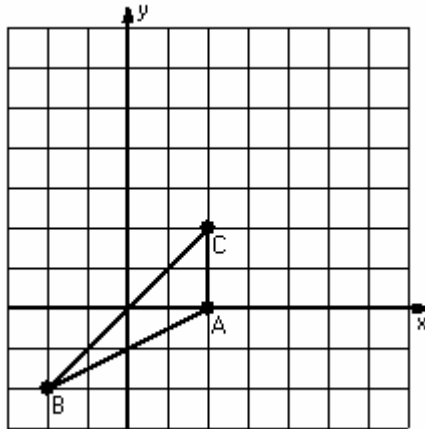
2) Dilation scale = 3, center D(2,1)



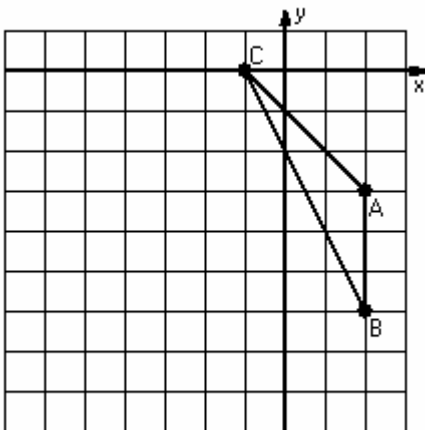
3) Dilation scale = 4, center D(-2,-2)



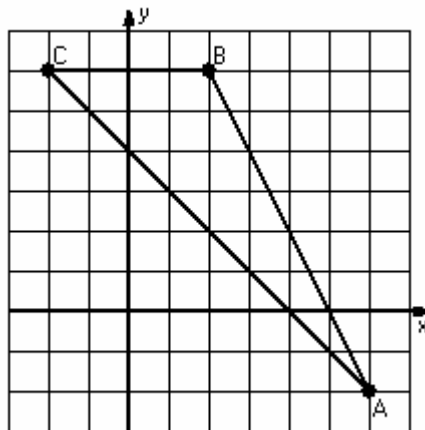
4) Dilation scale = 1/2, center D(4,0)



5) Dilation scale = 1/3, center D(-1,-3)



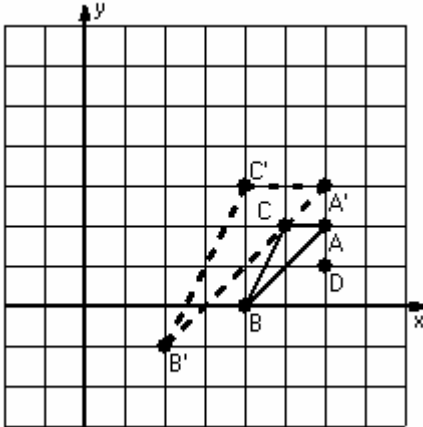
6) Dilation scale = 1/4, center D(2,2)



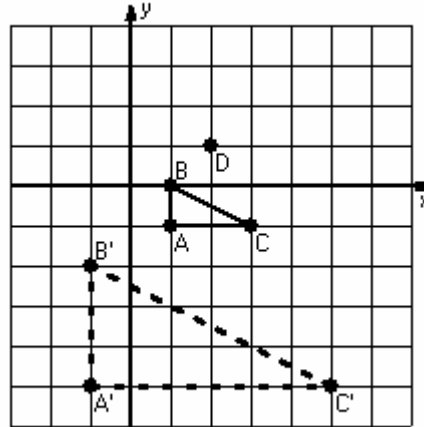
## Dilations Answer (J)

Instructions: Draw and label the dilated image for each triangle.  
Label the center of dilation.

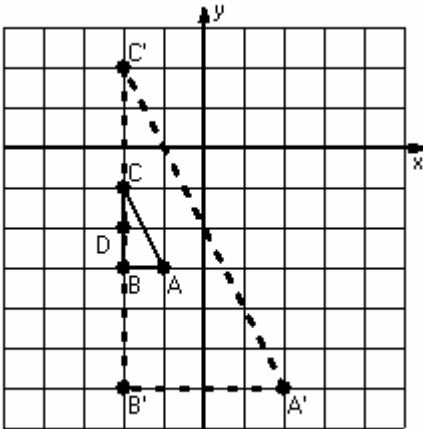
1) Dilation scale = 2, center D(6,1)



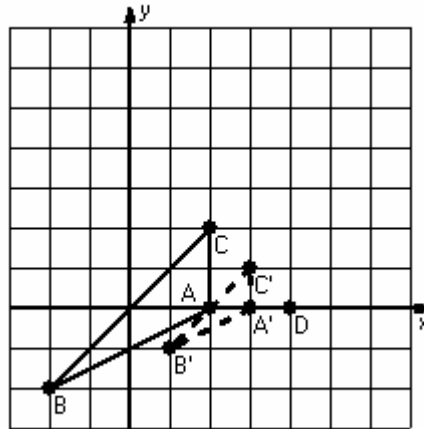
2) Dilation scale = 3, center D(2,1)



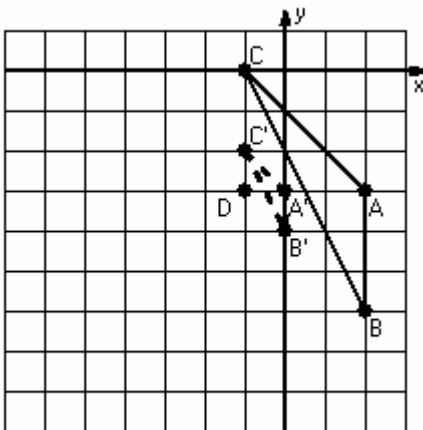
3) Dilation scale = 4, center D(-2,-2)



4) Dilation scale = 1/2, center D(4,0)



5) Dilation scale = 1/3, center D(-1,-3)



6) Dilation scale = 1/4, center D(2,2)

