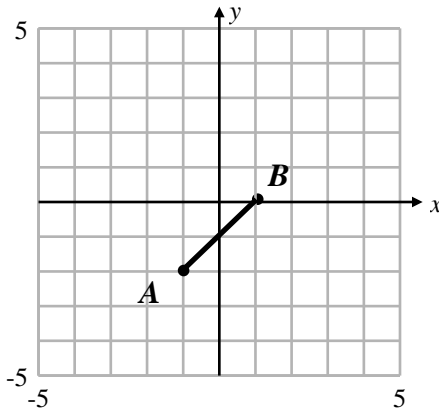




Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

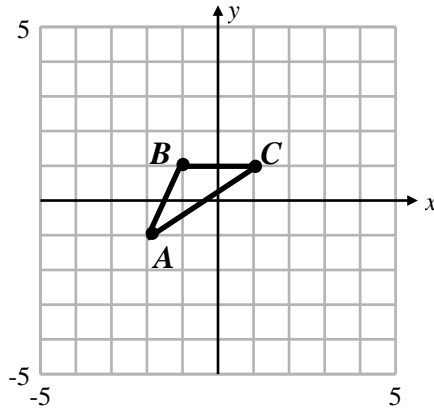
### Dilation Practice

**A.** Dilate with a scale factor of 2.



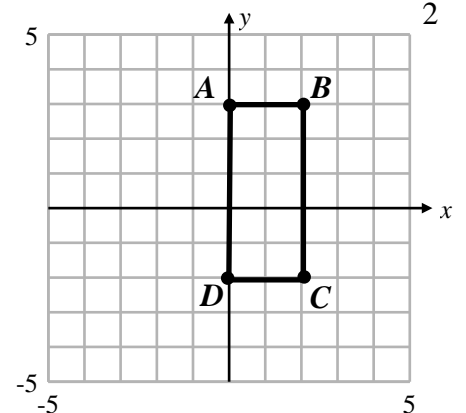
A \_\_\_\_\_ B \_\_\_\_\_  
 A' \_\_\_\_\_ B' \_\_\_\_\_

**B.** Dilate with a scale factor of 2



A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_  
 A' \_\_\_\_\_ B' \_\_\_\_\_ C' \_\_\_\_\_

**C.** Dilate with a scale factor of  $\frac{1}{2}$



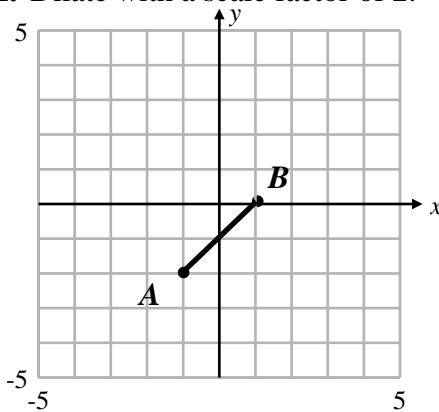
A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_ D \_\_\_\_\_  
 A' \_\_\_\_\_ B' \_\_\_\_\_ C' \_\_\_\_\_ D' \_\_\_\_\_



Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

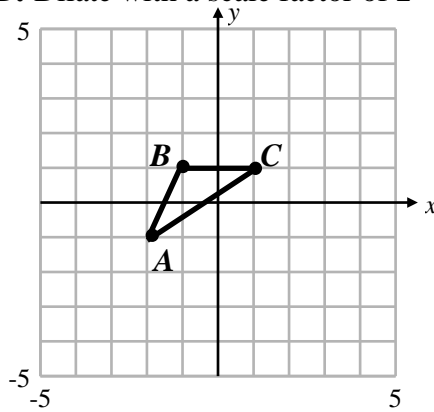
### Dilation Practice

**A.** Dilate with a scale factor of 2.



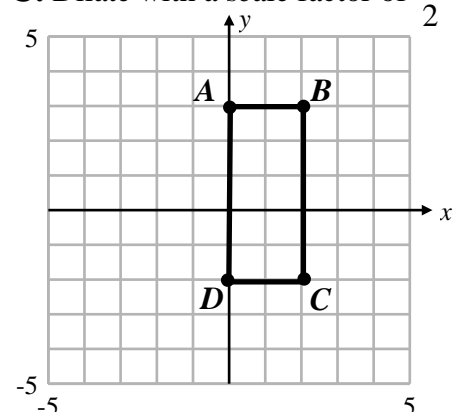
A \_\_\_\_\_ B \_\_\_\_\_  
 A' \_\_\_\_\_ B' \_\_\_\_\_

**B.** Dilate with a scale factor of 2



A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_  
 A' \_\_\_\_\_ B' \_\_\_\_\_ C' \_\_\_\_\_

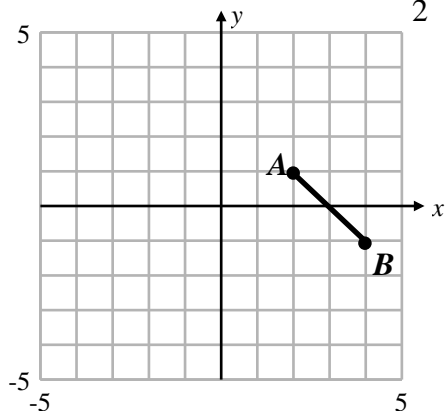
**C.** Dilate with a scale factor of  $\frac{1}{2}$



A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_ D \_\_\_\_\_  
 A' \_\_\_\_\_ B' \_\_\_\_\_ C' \_\_\_\_\_ D' \_\_\_\_\_

### Dilation Practice (page 2)

D. Dilate with a scale factor of  $\frac{1}{2}$ .



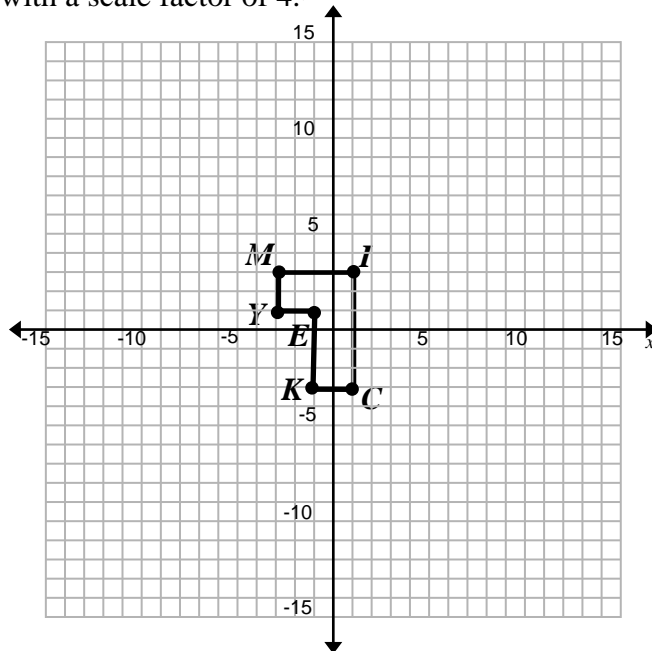
A \_\_\_\_\_ B \_\_\_\_\_

A' \_\_\_\_\_ B' \_\_\_\_\_

a) After dilation, it appears that the original figure **IS** or **IS NOT congruent** to the original.

b) After dilation, it appears that the original figure **IS** or **IS NOT similar** to the original.

E. Dilate with a scale factor of 4.

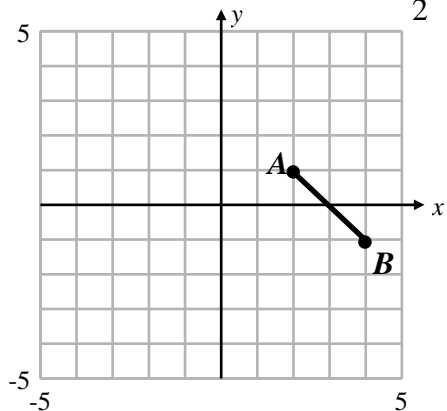


M \_\_\_\_\_ I \_\_\_\_\_ C \_\_\_\_\_ K \_\_\_\_\_ E \_\_\_\_\_ Y \_\_\_\_\_

M' \_\_\_\_\_ I' \_\_\_\_\_ C' \_\_\_\_\_ K' \_\_\_\_\_ E' \_\_\_\_\_ Y' \_\_\_\_\_

### Dilation Practice (page 2)

D. Dilate with a scale factor of  $\frac{1}{2}$ .



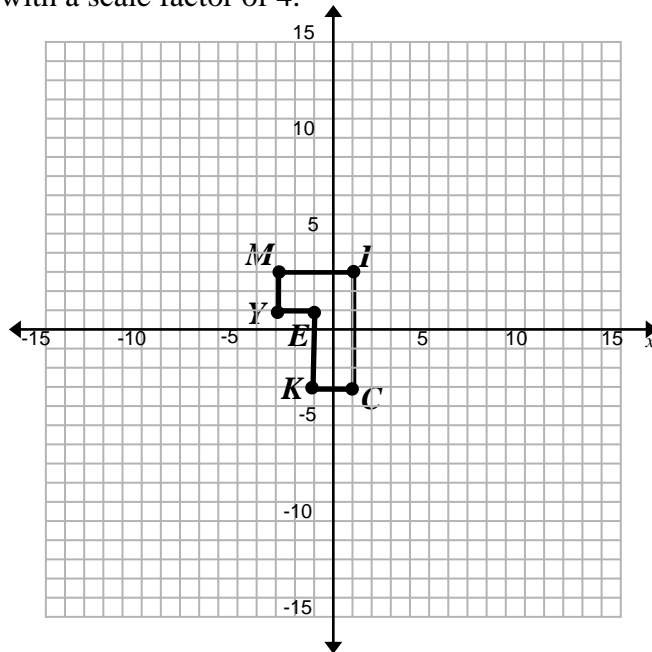
A \_\_\_\_\_ B \_\_\_\_\_

A' \_\_\_\_\_ B' \_\_\_\_\_

a) After dilation, it appears that the original figure **IS** or **IS NOT congruent** to the original.

b) After dilation, it appears that the original figure **IS** or **IS NOT similar** to the original.

E. Dilate with a scale factor of 4.



M \_\_\_\_\_ I \_\_\_\_\_ C \_\_\_\_\_ K \_\_\_\_\_ E \_\_\_\_\_ Y \_\_\_\_\_

M' \_\_\_\_\_ I' \_\_\_\_\_ C' \_\_\_\_\_ K' \_\_\_\_\_ E' \_\_\_\_\_ Y' \_\_\_\_\_