## **Similarity Review Worksheet**

# Name: KEY

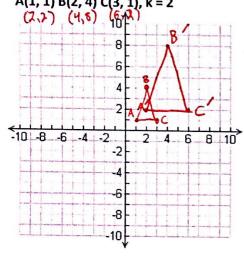
### Level 1 - One of each type (Easy)

1) Graph the original figure, then perform a dilation using the given scale factor.

A(1, 1) B(2, 4) C(3, 1), k = 2(2,2) (4,8) (8th

2) Are they similar? Show your work either way. If they are similar, write a similarity statement.

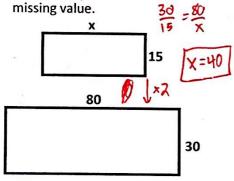
3) Are they similar? Show your work either way. If they are similar, write a similarity statement. Yes; AJKL~ ANDM



50 24 32

55° 25° 100 25°

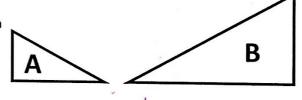
4) The figures are similar. Find the missing value.



5) Which sequence of transformations will take figure A onto figure B?

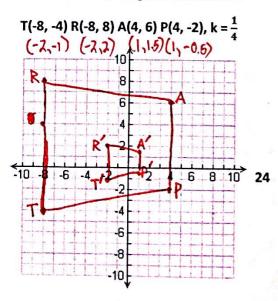
A. Translation, then dilation

B. Reflection, then dilation C. Rotation, then dilation

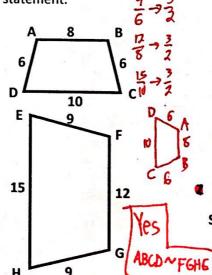


## Level 2 - One of each type (Medium)

6) Graph the original figure, then perform a dilation using the given scale factor.



7) Are they similar? Show your work either way. If they are similar, write a similarity statement.



8) Are they similar? Show your work either way. If they are

