

HER IF THE SECOND CAN BE FRANSLATIONS, AND DILATIONS; MILARITY BETWEEN THEM.	 Rectangle R undergoes a dilation with a scale factor of 0.5 and then a reflection over the y-axis. The resulting image is rectangle S. Which statement about rectangles R and S is true? (A.) They are congruent and similar. (B.) They are similar but not congruent. (C.) They are congruent but not similar. (D.) They are neither congruent nor similar. 	Roger has a 3-inch by 5-inch photograph. He is a good painter and wants to make a painting that looks exactly like the photograph but larger. Which one of the following canvases should he buy for this painting? (A.) 15 inches by 45 inches (B.) 18 inches by 20 inches (C.) 24 inches by 40 inches (D.) 30 inches by 75 inches
O ANOTH TIONS, " THE SII	Which rigid and non-rigid motions could be performed on kite ABCD to produce kite EFGH?	Square FGHJ was dilated to form square F'G'H'J'. The center of dilation was at the origin.
THAT A TWO-DIMENSIONAL FIGURE IS SIMILAR TO E FIRST BY A SEQUENCE OF ROTATIONS, REFLECT FIGURES, DESCRIBE A SEQUENCE THAT EXHIBITS	A. Rotate 90°, then dilate with a scale factor of 2. B. Rotate 90°, then dilate with a scale factor of 1/2. C. Translate to the left, then dilate with a scale factor of 2. D. Translate to the right, then dilate with a scale factor of 1/2.	What scale factor was used? $A \cdot \frac{1}{2}$ $B \cdot \frac{1}{4}$ $C \cdot 2$ $D \cdot 4$
I AND M THE 11LAR	Which sequence of transformations can be used to show that ΔABC is similar to ΔXYZ ? A. dilation of ΔABC by a factor of 2 followed by a translation 5 units to the	
UNDERS NED FRC TWO SIN	right	
a.c.4 OBTAI GIVEN	B. dilation of ABC by	a factor of 5 followed by a translation 5 units to the left