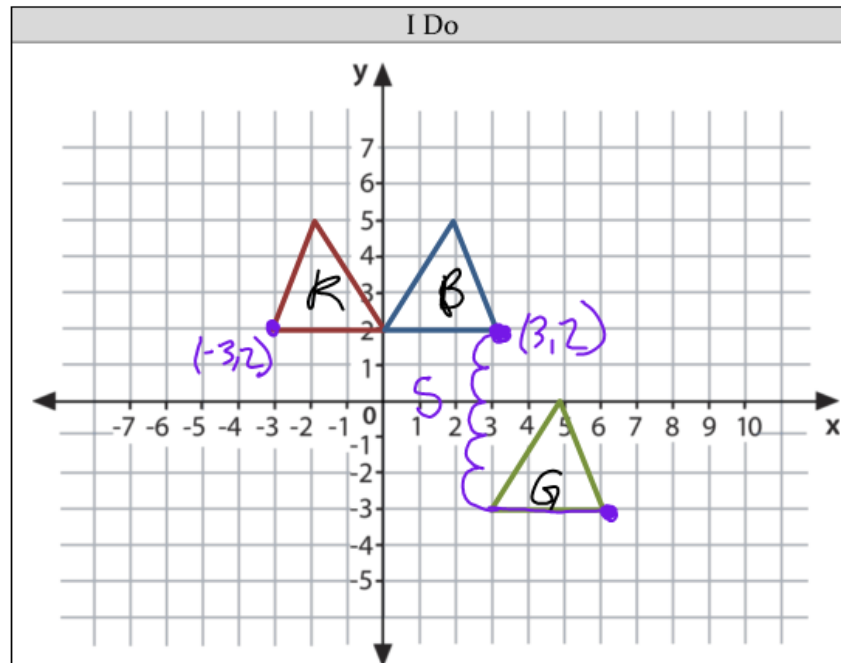


## Lesson 5-8

### Example 1: Identifying Transformation Sequences

Identify the combined transformations from the original to the final figure. Then tell if the figures are similar or congruent.

\*\*\*Red-original, blue-first image, green-second image

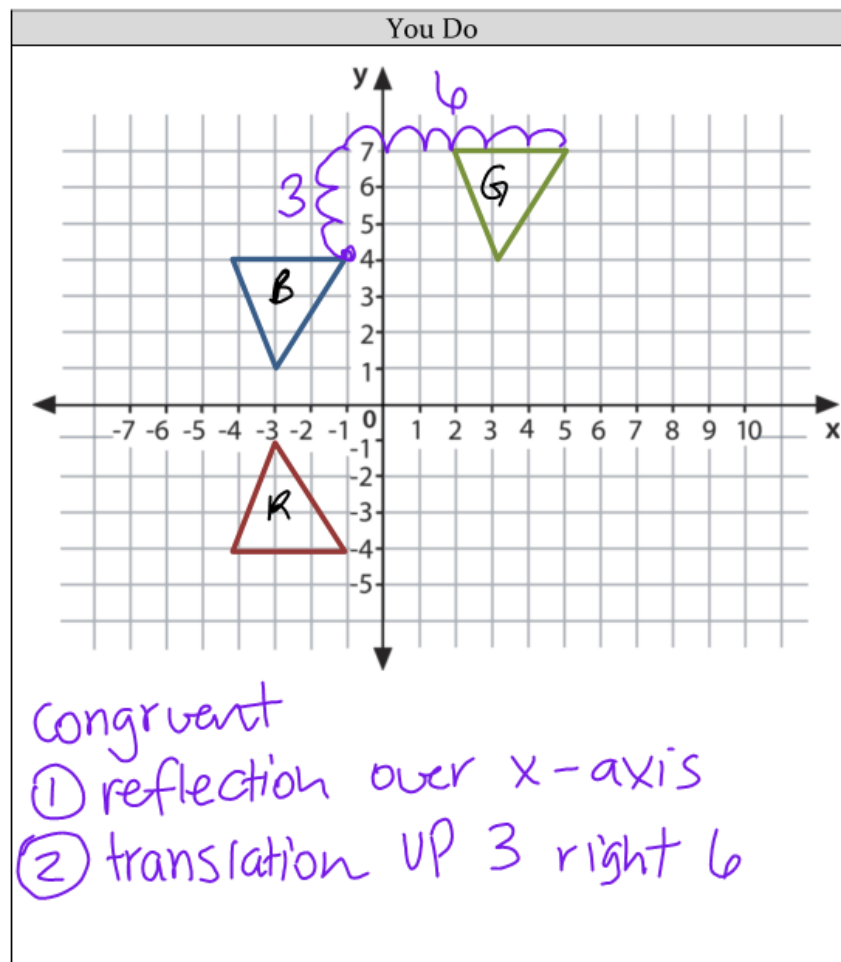


congruent  
 ① reflection across y-axis  
 ② translation down 5 right 3

**Example 1: Identifying Transformation Sequences**

Identify the combined transformations from the original to the final figure. Then tell if the figures are similar or congruent.

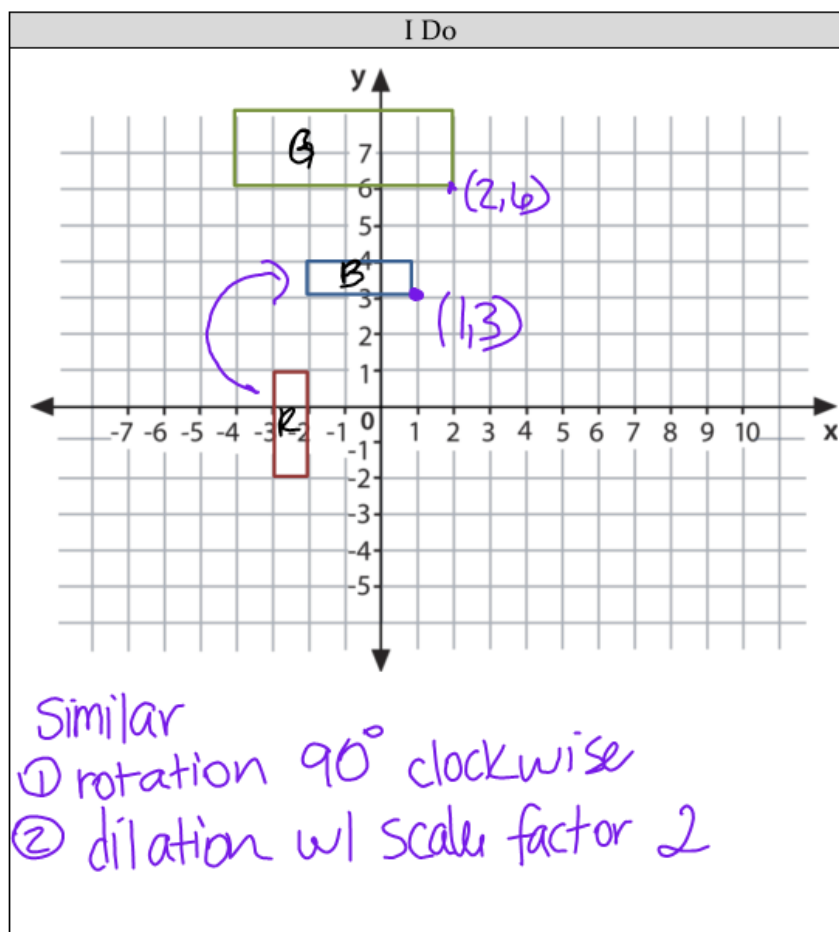
\*\*\*Red-original, blue-first image, green-second image



**Example 2: Identifying Transformation Sequences**

Identify the combined transformations from the original to the final figure. Then tell if the figures are similar or congruent.

\*\*\*Red-original, blue-first image, green-second image



**Example 2: Identifying Transformation Sequences**

Identify the combined transformations from the original to the final figure. Then tell if the figures are similar or congruent.

Original:  $A(1, -1)$ ,  $B(2, -1)$ ,  $C(3, -5)$ ,  $D(2, -5)$

First Image:  $A'(1, 1)$ ,  $B'(2, 1)$ ,  $C'(3, 5)$ ,  $D'(2, 5)$

Second Image:  $A''(-3, -2)$ ,  $B''(-2, -2)$ ,  $C''(-1, 2)$ ,  $D''(-2, 2)$

