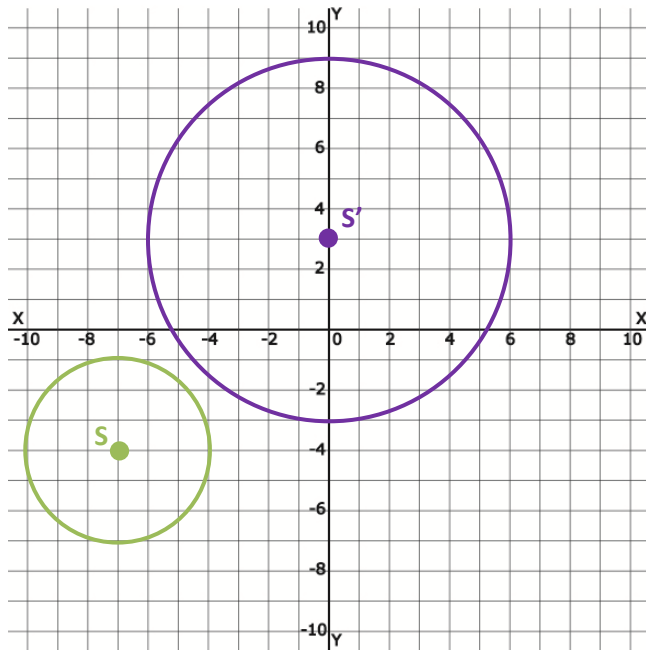


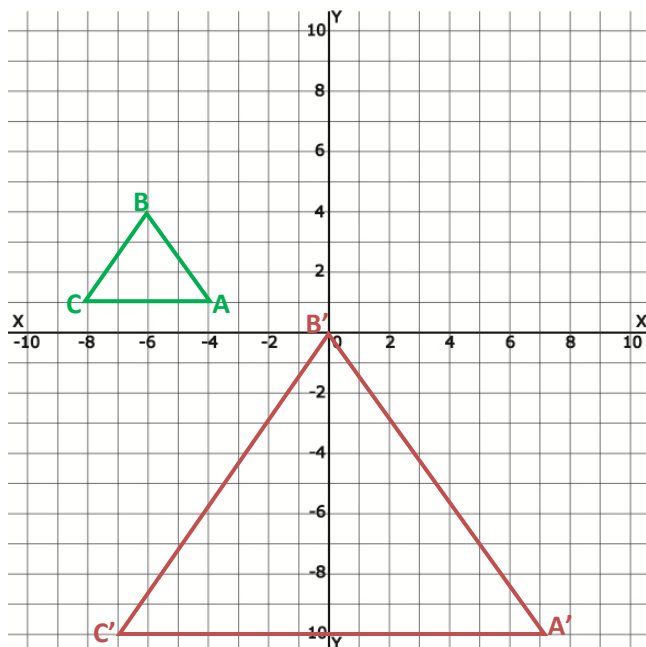
**Similarity Transformations Problems - Guided Lesson**

Complete the following problems:

- 1) You can transform  $S$  to  $S'$  by translating it and then performing dilation. Find the translation rule and the scale factor of the dilation.



- 2) You can transform  $\triangle ABC$  to  $\triangle A'B'C'$  by translating it and then performing dilation centered at the origin. So,  $\triangle ABC \sim \triangle A'B'C'$ . Find the translation rule and the scale factor of the dilation.



Name \_\_\_\_\_

Date \_\_\_\_\_

3) You can transform  $R$  to  $R'$  by translating it and then performing dilation. Find the translation rule and the scale factor of the dilation.

