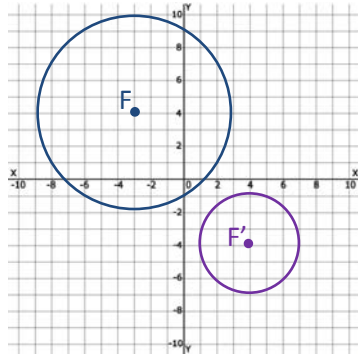


## Similarity of Circles Problems - Matching Worksheet

Write the letter of the answer that matches the problem.

1. Find the translation rule and the scale factor of the dilation.

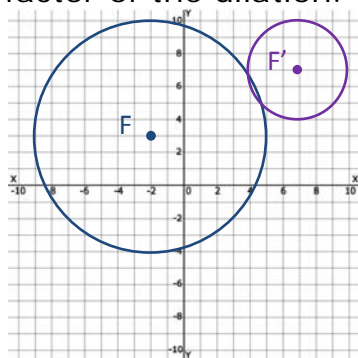
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- a. The translation and scale factor are:  
 Translation:  $(x, y) \rightarrow (x+9, y+4)$   
 Scale factor: 0.43

2. Find the translation rule and the scale factor of the dilation.

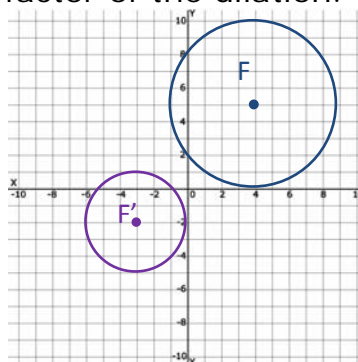
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- b. The translation and scale factor are:  
 Translation:  $(x, y) \rightarrow (x-7, y-7)$   
 Scale factor: 0.60

3. Find the translation rule and the scale factor of the dilation.

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- c. The translation and scale factor are:  
 Translation:  $(x, y) \rightarrow (x+7, y-8)$   
 Scale factor: 0.50

