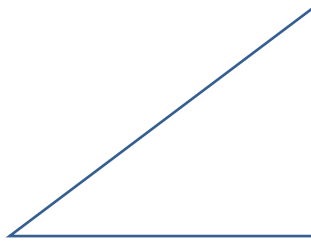


Rigid Motions to Transform Figures - Matching Worksheet

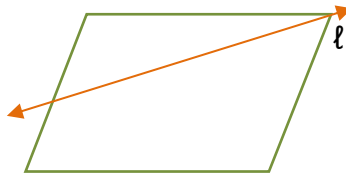
Write the letter of the answer that matches the problem.

- _____ 1. Which of the transformations carry this regular polygon onto itself?



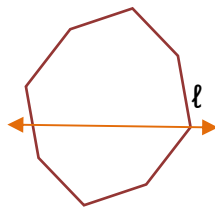
- a. 72° counterclockwise or clockwise

- _____ 2. Which of the transformations carry this regular polygon onto itself?



- b. 360° counterclockwise or clockwise

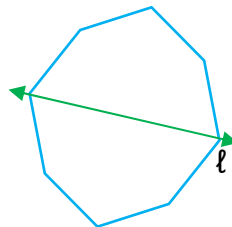
- _____ 3. Which of the following transformations carry this regular polygon onto itself?



- c. 180° counterclockwise or clockwise

- a) Rotation of 55° clockwise
 b) Rotation of 60° clockwise
 c) Rotation of 40° counterclockwise
 d) Rotation of 45° counterclockwise

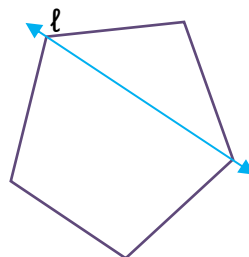
- _____ 4. Which of the following transformations carry this regular polygon onto itself?



- d. d

- a) Rotation of 40° clockwise
 b) Rotation of 54° clockwise
 c) Reflection across l
 d) Rotation of 43° counterclockwise

- _____ 5. Which of the transformations carry this regular polygon onto itself?



- e. c

