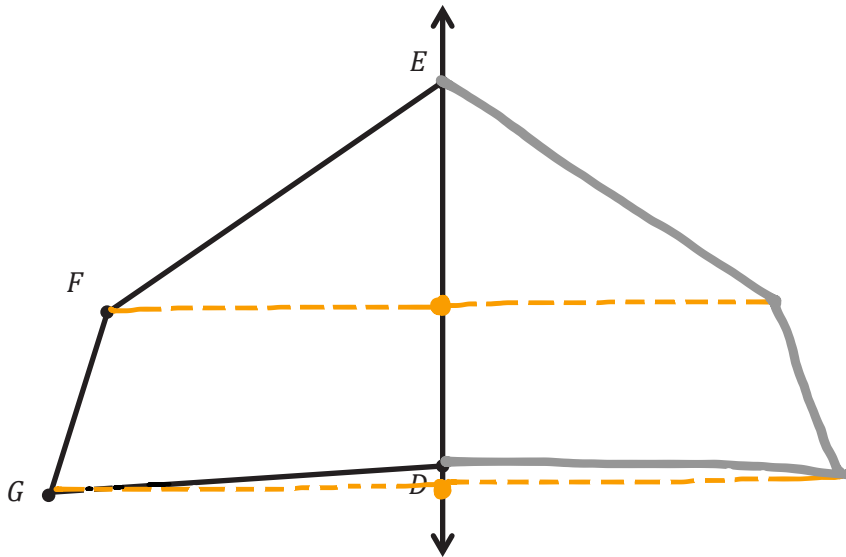


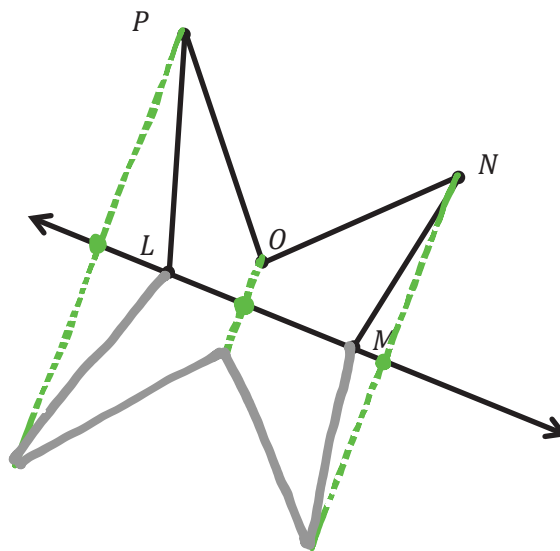
Name \_\_\_\_\_

Date \_\_\_\_\_

1. Draw to create a figure that is symmetric about  $\overleftrightarrow{DE}$ .

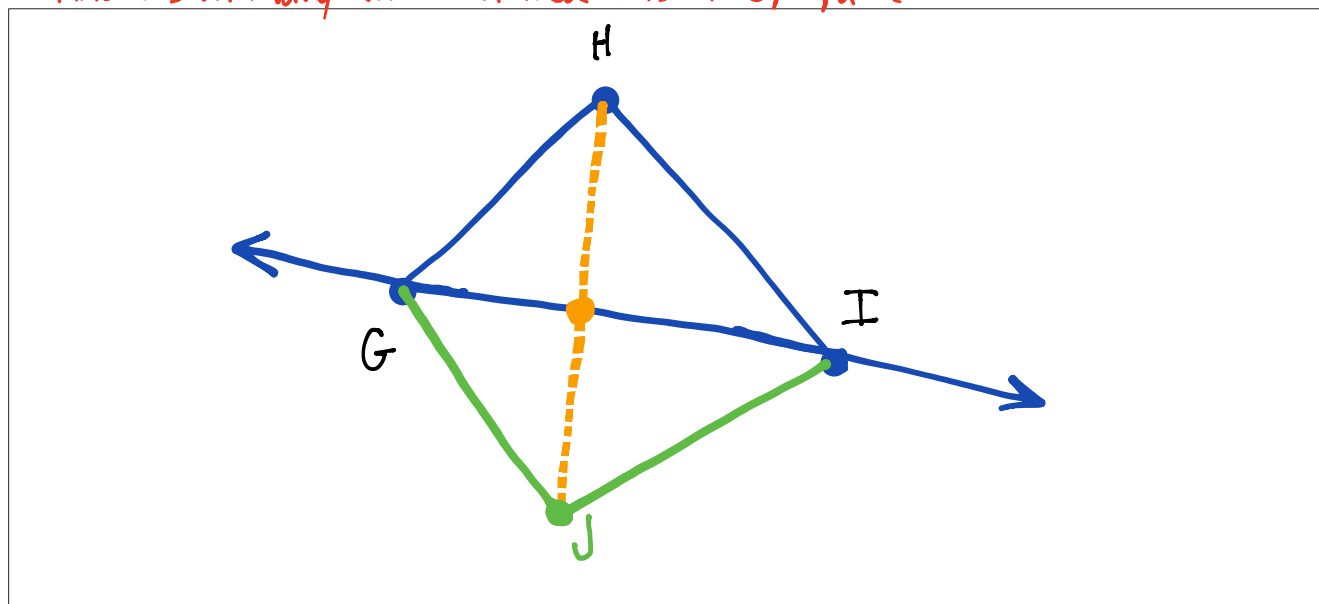


2. Draw to create a figure that is symmetric about  $\overleftrightarrow{LM}$ .



3. Complete the following construction in the space below.
- Plot 3 non-collinear points,  $G$ ,  $H$ , and  $I$ .
  - Draw  $\overline{GH}$ ,  $\overline{HI}$ , and  $\overrightarrow{IG}$ .
  - Plot point  $J$ , and draw the remaining sides, such that quadrilateral  $GHIJ$  is symmetric about  $\overrightarrow{IG}$ .

Answers will vary based on locations of  $G$ ,  $H$ , and  $I$ .



4. In the space below, use your tools to draw a symmetric figure about a line.

Answers will vary.

