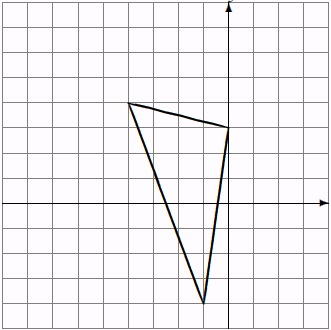
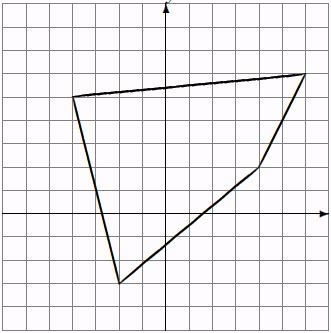
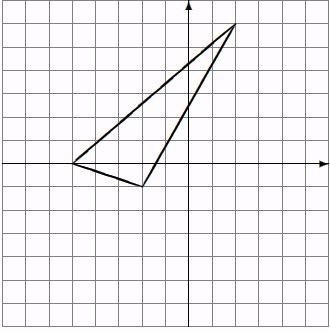
Assignment # 16: transformers Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Block: \_\_\_\_\_\_\_

1. Label this shape ABC. 2. Label this shape DEFG. 3. Label this shape HJK.

**Reflect** it over the **x-axis.** **Reflect** it over the **y-axis**. **Translate** (x,y 🡪 x - 3, y + 4)



Write the coordinates below: Write the coordinates below: Write the coordinates below:

A: \_\_\_\_\_\_\_\_\_\_\_\_ A’: \_\_\_\_\_\_\_\_\_\_\_\_ D: \_\_\_\_\_\_\_\_\_\_\_\_ D’: \_\_\_\_\_\_\_\_\_\_\_\_ H: \_\_\_\_\_\_\_\_\_\_\_\_ H’: \_\_\_\_\_\_\_\_\_\_\_\_

B: \_\_\_\_\_\_\_\_\_\_\_\_ B’: \_\_\_\_\_\_\_\_\_\_\_\_ E: \_\_\_\_\_\_\_\_\_\_\_\_ E’: \_\_\_\_\_\_\_\_\_\_\_\_ J: \_\_\_\_\_\_\_\_\_\_\_\_\_ J’: \_\_\_\_\_\_\_\_\_\_\_\_

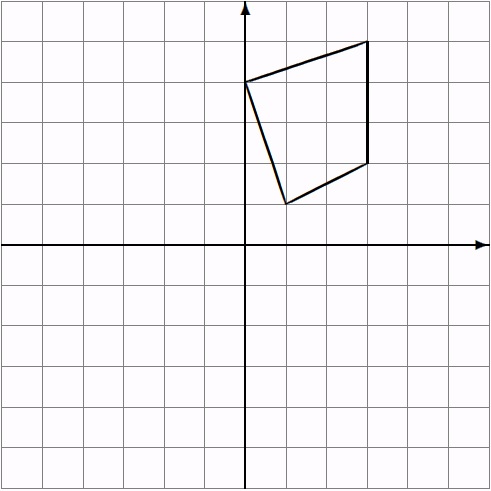
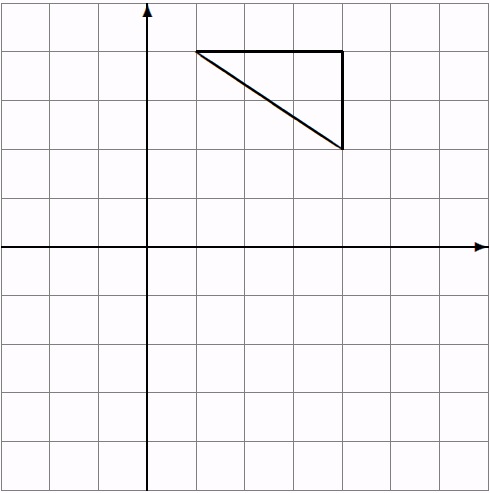
C: \_\_\_\_\_\_\_\_\_\_\_\_ C’: \_\_\_\_\_\_\_\_\_\_\_\_ F: \_\_\_\_\_\_\_\_\_\_\_\_ F’: \_\_\_\_\_\_\_\_\_\_\_\_ K: \_\_\_\_\_\_\_\_\_\_\_\_ K’: \_\_\_\_\_\_\_\_\_\_\_\_

G: \_\_\_\_\_\_\_\_\_\_\_\_ G’: \_\_\_\_\_\_\_\_\_\_\_\_\_

4. Label this shape LMNP. 5. Label this shape QRS. 6. Label this shape TUVW.

**Translate** it (x – 1, y – 2) **Rotate** it 90**°** **clockwise** **Dilate** it (x, y) 🡪 (-1.5x, -1.5y)

about the origin.



Write the coordinates below: Write the coordinates below: Write the coordinates below:

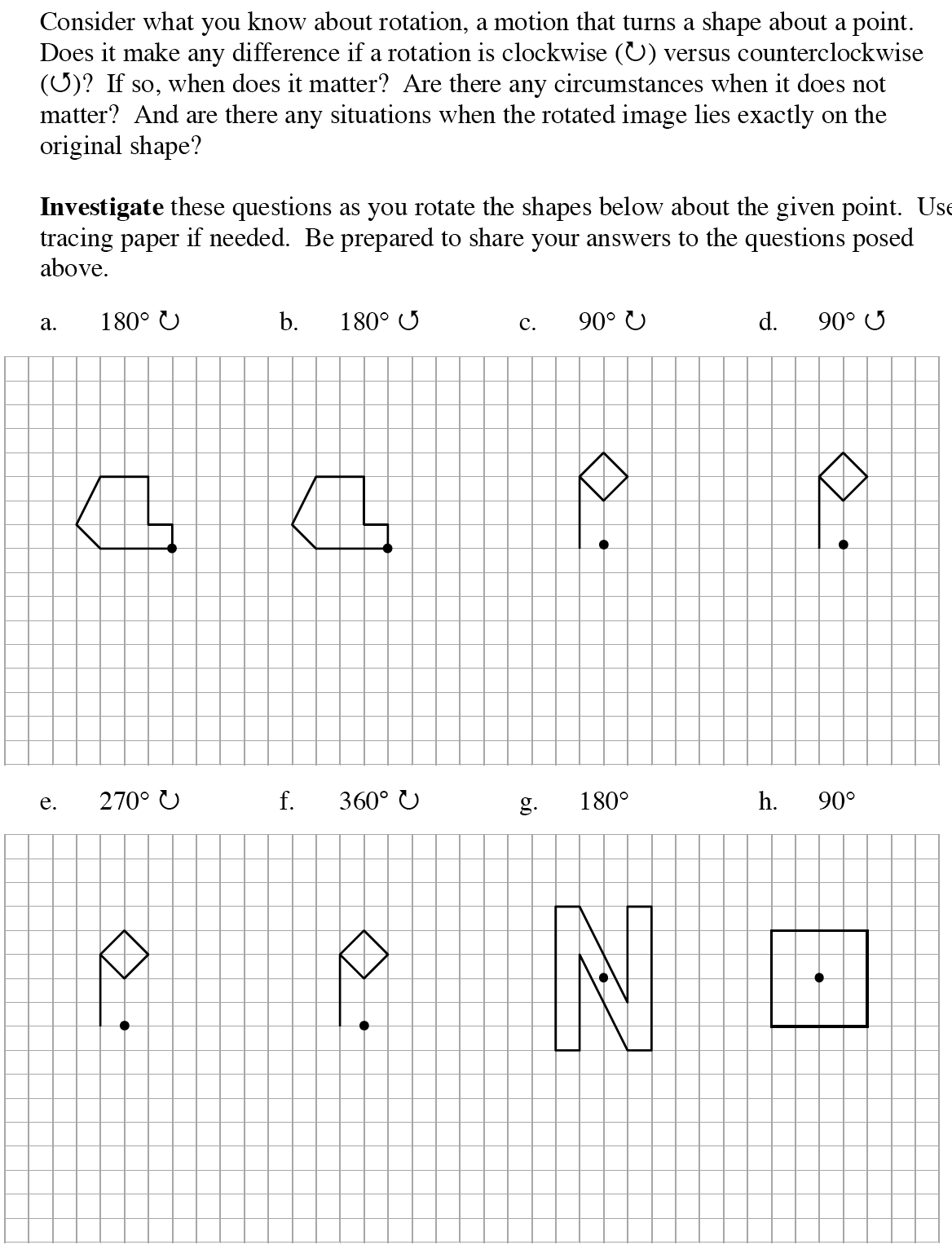
L: \_\_\_\_\_\_\_\_\_\_\_\_ L’: \_\_\_\_\_\_\_\_\_\_\_\_ Q: \_\_\_\_\_\_\_\_\_\_\_\_ Q’: \_\_\_\_\_\_\_\_\_\_\_\_ T: \_\_\_\_\_\_\_\_\_\_\_\_ T’: \_\_\_\_\_\_\_\_\_\_\_\_

M: \_\_\_\_\_\_\_\_\_\_\_\_ M’: \_\_\_\_\_\_\_\_\_\_\_\_ R: \_\_\_\_\_\_\_\_\_\_\_\_ R’: \_\_\_\_\_\_\_\_\_\_\_\_ U: \_\_\_\_\_\_\_\_\_\_\_\_\_ U’: \_\_\_\_\_\_\_\_\_\_\_\_

N: \_\_\_\_\_\_\_\_\_\_\_\_ N’: \_\_\_\_\_\_\_\_\_\_\_\_ S: \_\_\_\_\_\_\_\_\_\_\_\_ S’: \_\_\_\_\_\_\_\_\_\_\_\_ V: \_\_\_\_\_\_\_\_\_\_\_\_ V’: \_\_\_\_\_\_\_\_\_\_\_\_

P: \_\_\_\_\_\_\_\_\_\_\_\_ P’: \_\_\_\_\_\_\_\_\_\_\_\_\_ W: \_\_\_\_\_\_\_\_\_\_\_\_ W’: \_\_\_\_\_\_\_\_\_\_\_

**Rotato Potato**

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