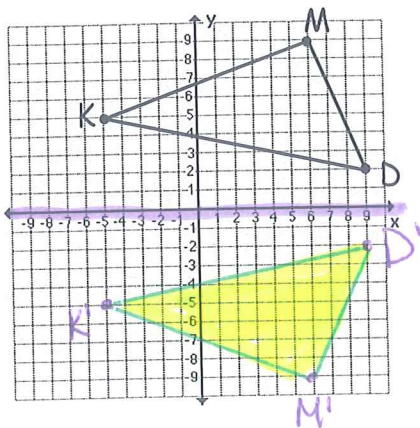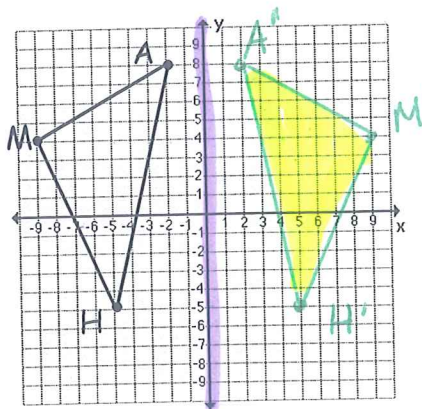# Reflections Homework

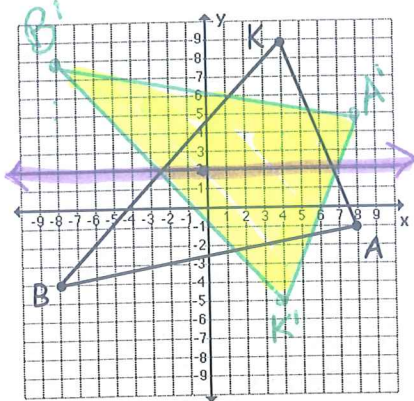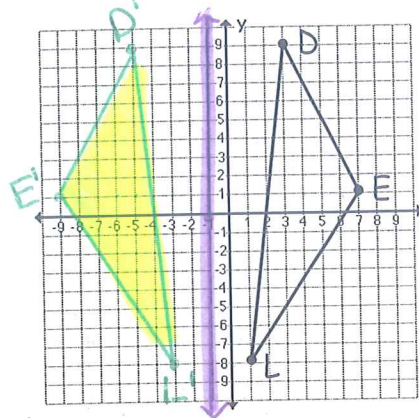1. Reflect the figures below across the indicated line of reflection.

a. $y = 0$

b. $x = 0$

c. $y = 2$

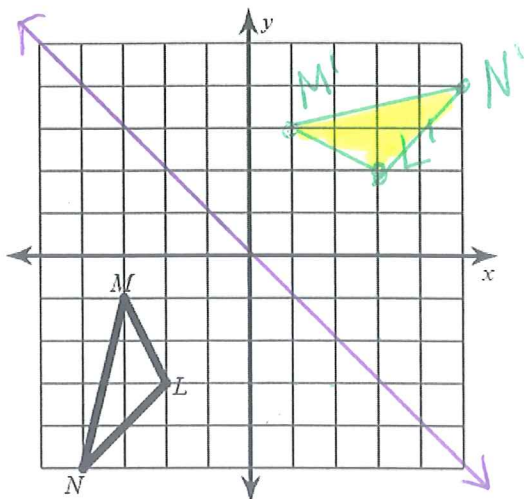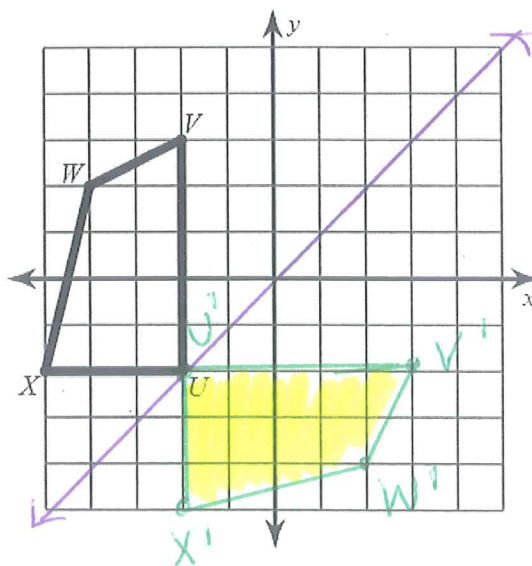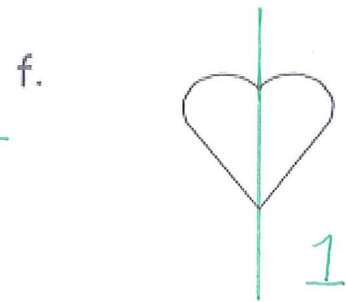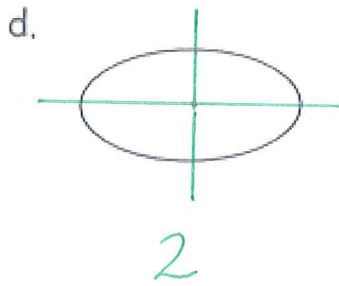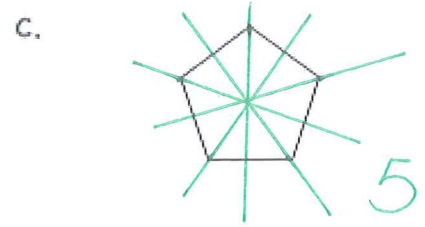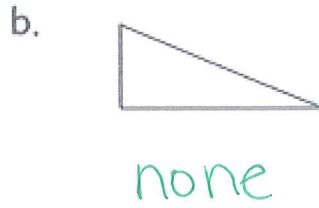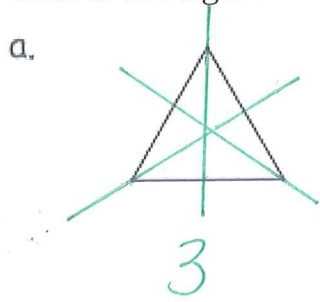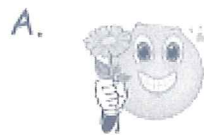d. $x = -1$

e. reflection across $y = -x$

f.   reflection across $y = x$

2. Draw in all lines of symmetry and state the number of lines of symmetry the figure has. If the figure does not have any lines of symmetry, write "none."

a.

3

b.

c.

5

d.

2

e.

2

f.

1

3. Which image is a reflection of the original?

A.

B.

C.

4. Which image is a reflection of the original?

A.

B.

C.