

Name \_\_\_\_\_

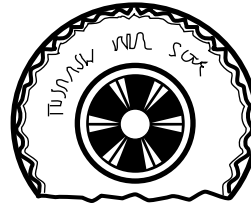
G4(a)

Use a mirror to solve these problems.

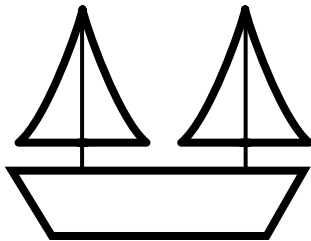
Can you see a full moon? \_\_\_\_\_



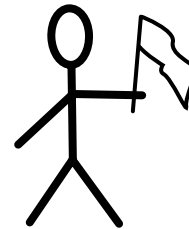
Can you fix the flat tire? \_\_\_\_\_



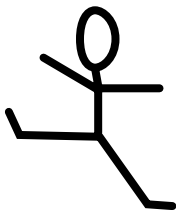
Can you see a boat with three sails? \_\_\_\_\_



Can you see a stick-figure holding two flags? \_\_\_\_\_



Can you see the dancer jump? \_\_\_\_\_



Can you see the boy smile? \_\_\_\_\_



Can you read Boris's message? \_\_\_\_\_

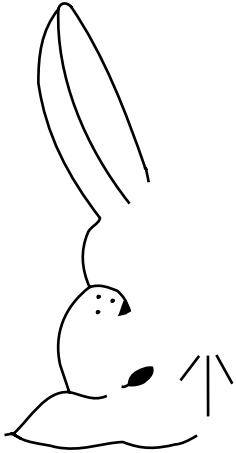
NIUE LUUE DUUN JO

Name \_\_\_\_\_

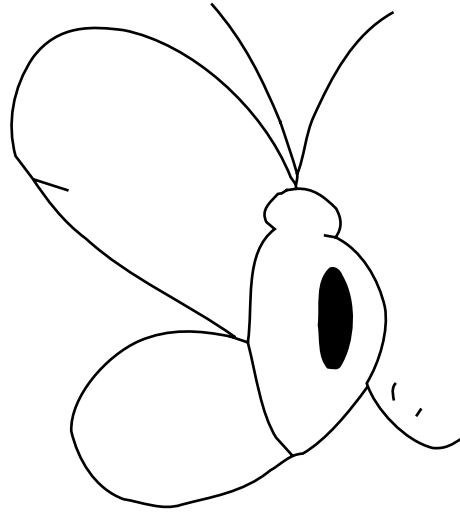
G4(b)

Use these patterns and a mirror to see each of the designs on Worksheet G4(c)

1



2



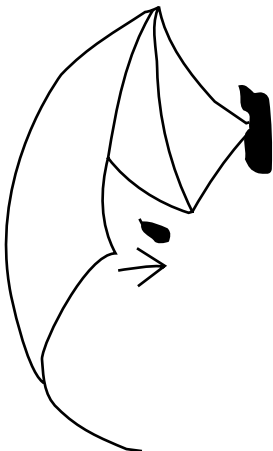
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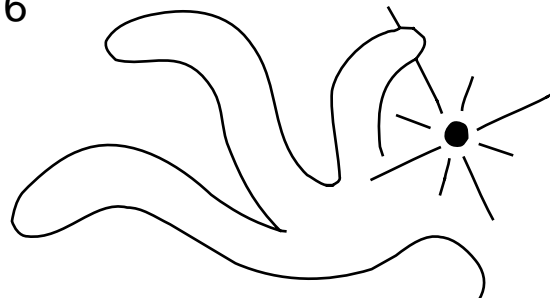
4



5



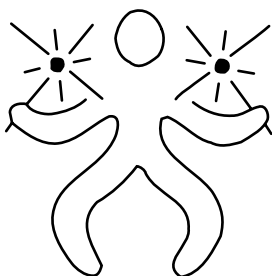
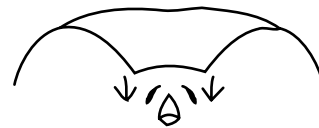
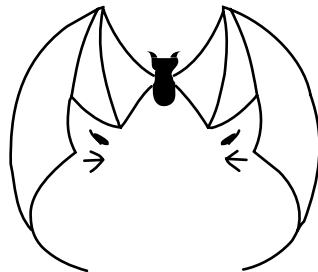
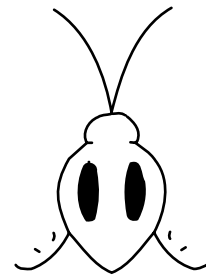
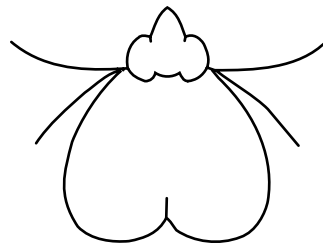
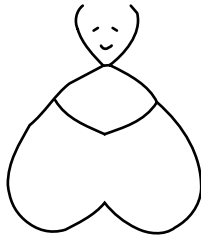
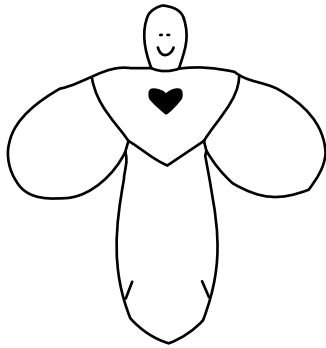
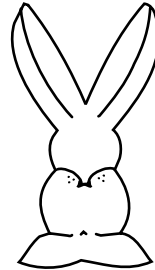
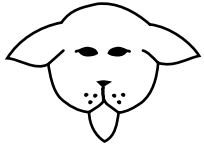
6



Name \_\_\_\_\_

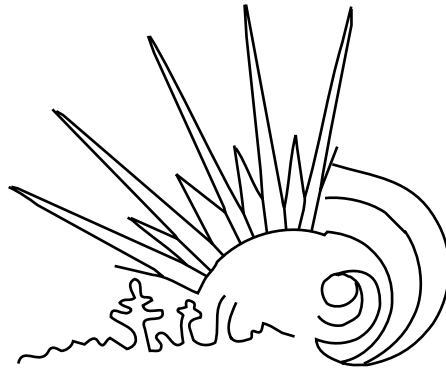
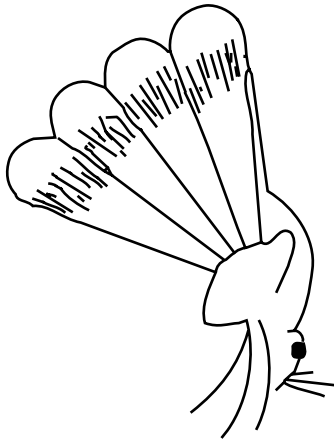
G4(c)

Use the patterns on Worksheet G4(b) and a mirror to see each of these designs.



Name \_\_\_\_\_

G5      \*\*\*



Which of these designs can be seen using a mirror and one of the patterns above?

1. Clamshell \_\_\_\_\_

6. Spiral \_\_\_\_\_

2. Daisy \_\_\_\_\_

7. Full Sun \_\_\_\_\_

3. Mouse \_\_\_\_\_

8. Snowflake \_\_\_\_\_

4. Snowman \_\_\_\_\_

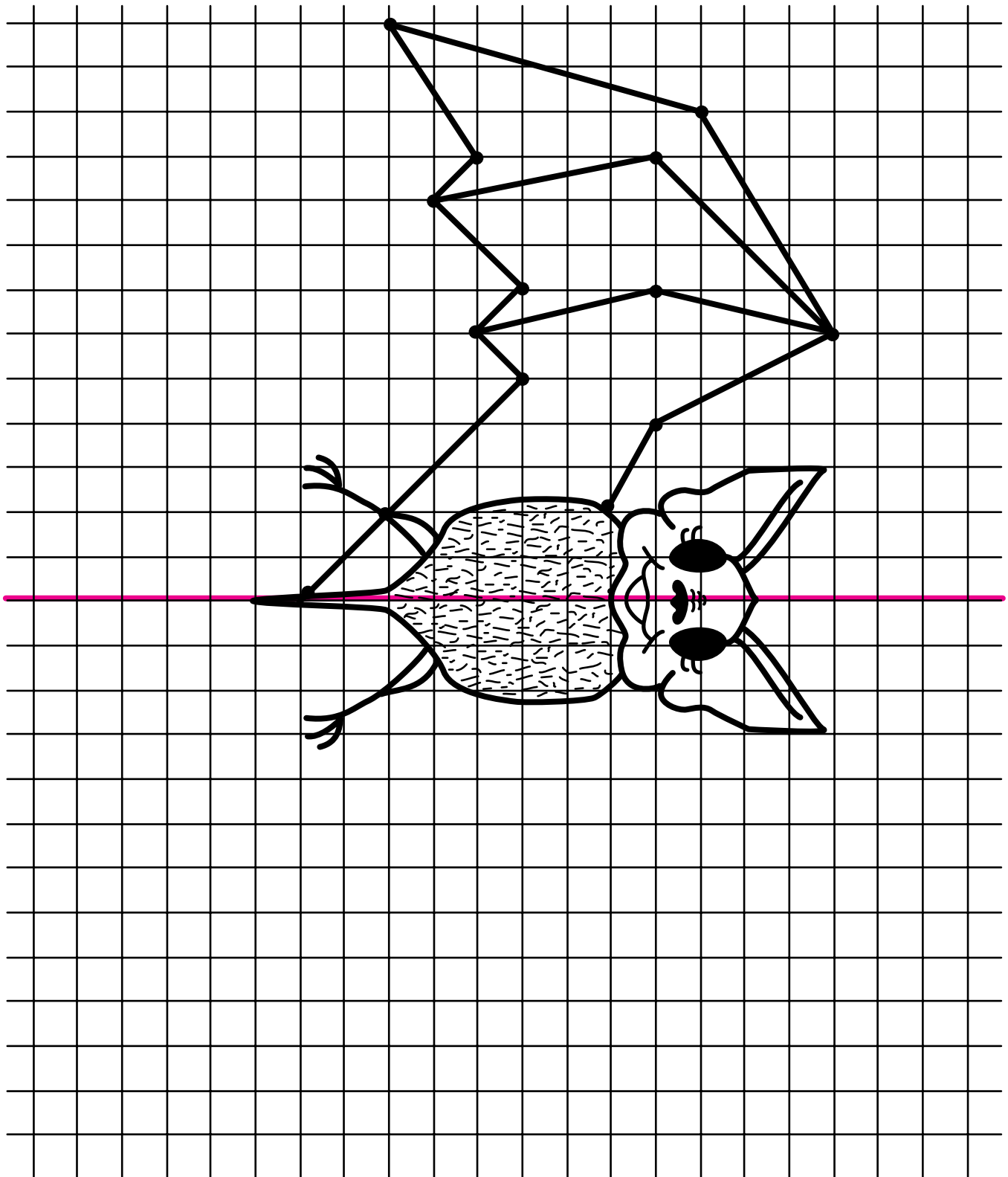
9. Sunset \_\_\_\_\_

5. Hand Fan \_\_\_\_\_

10. Joker's Face \_\_\_\_\_

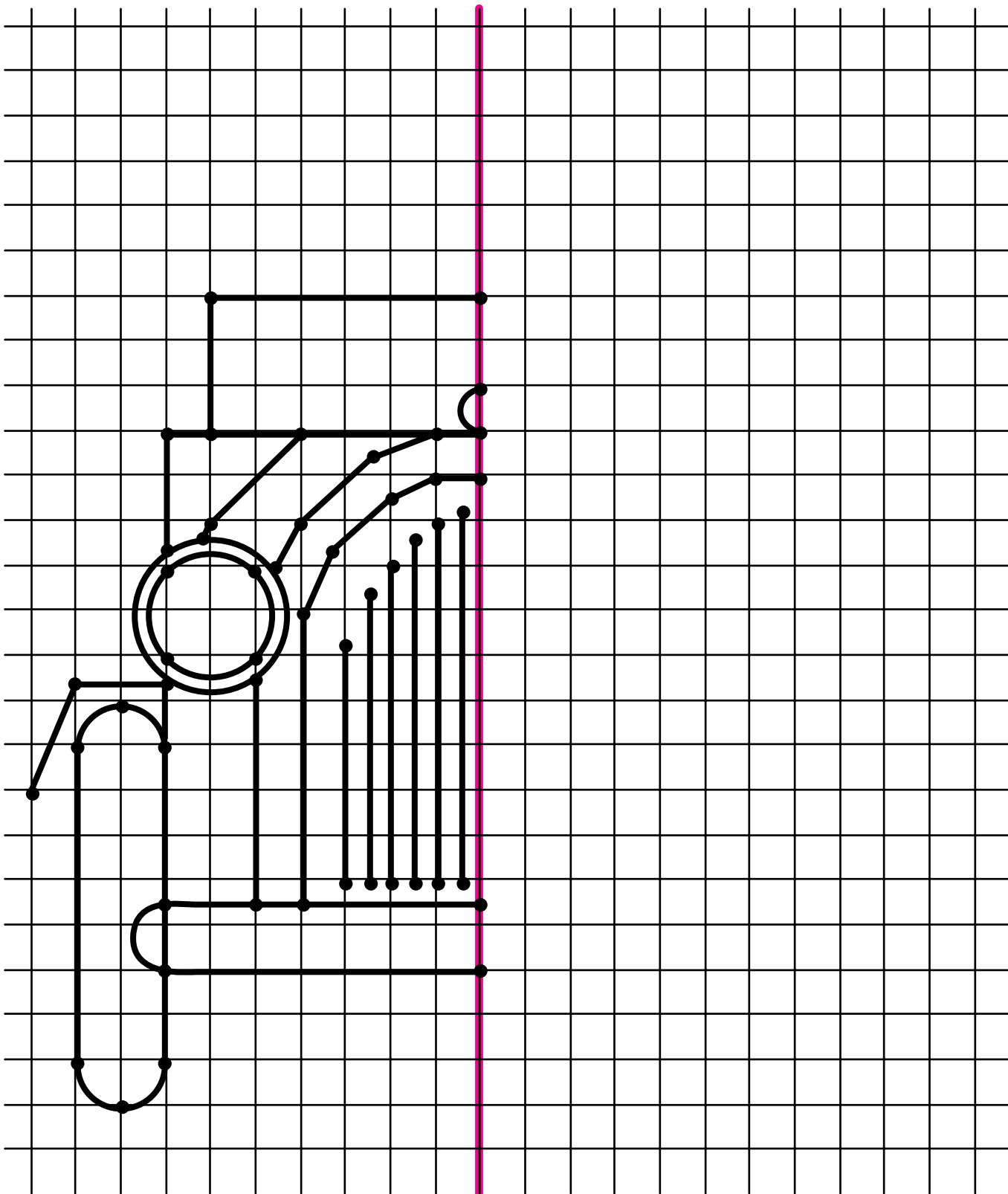
Name \_\_\_\_\_

Use a mirror placed on the red line to reflect; then draw the bat's other wing.



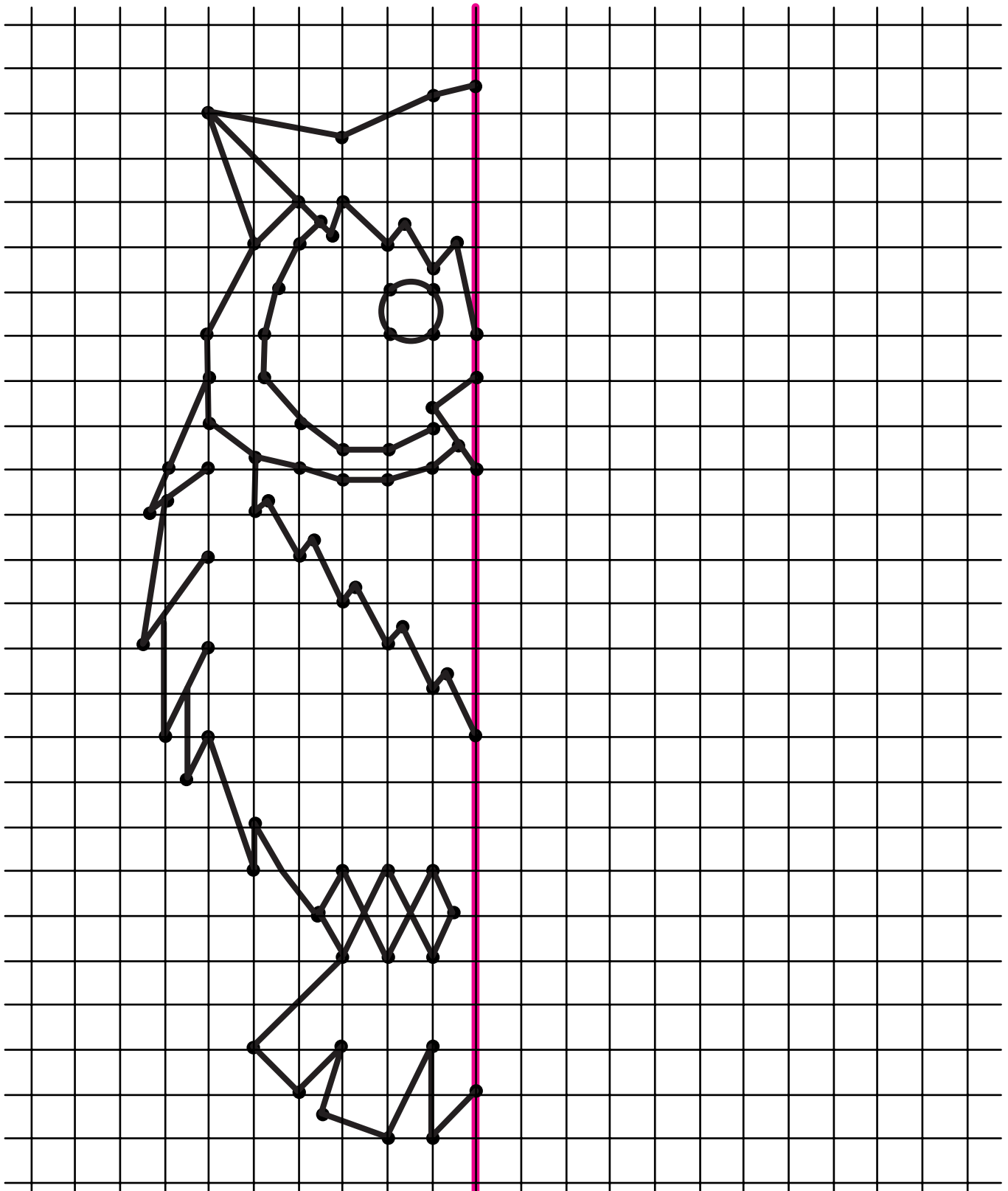
Name \_\_\_\_\_

Use a mirror placed on the red line to reflect; then draw the car.



Name \_\_\_\_\_

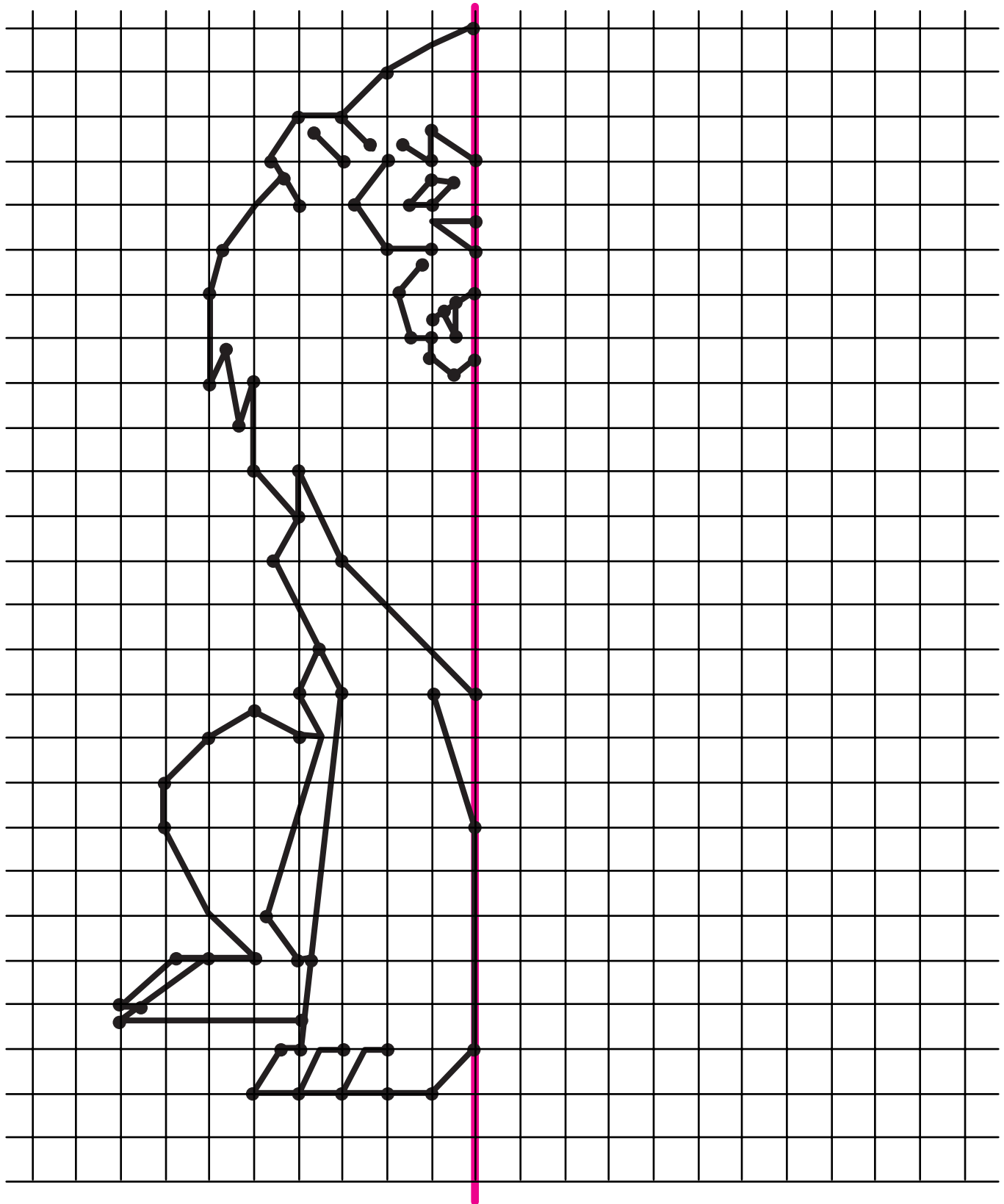
Use a mirror placed on the red line to reflect; then draw the owl.



Name \_\_\_\_\_

G6 \*\*\*\*\*

Use a mirror placed on the red line to reflect; then draw the lion.

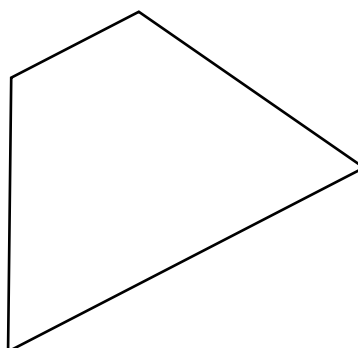
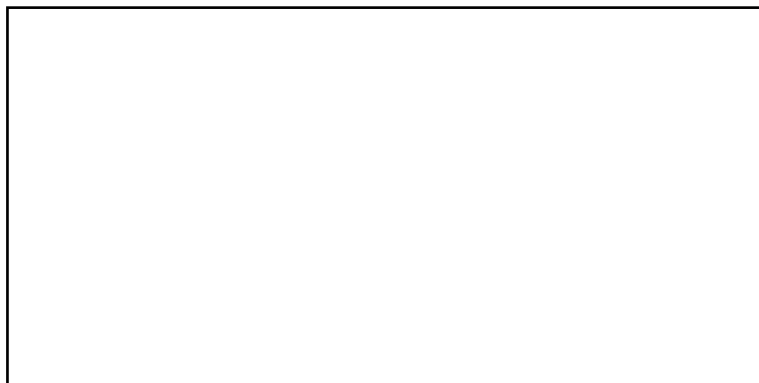
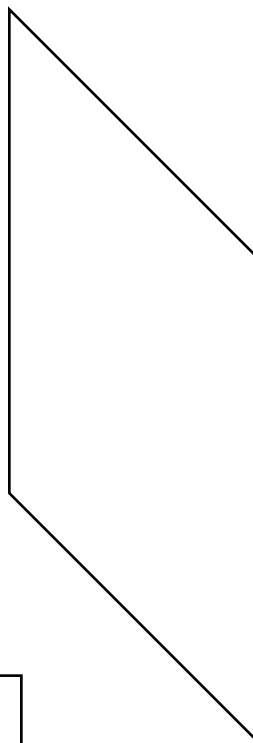
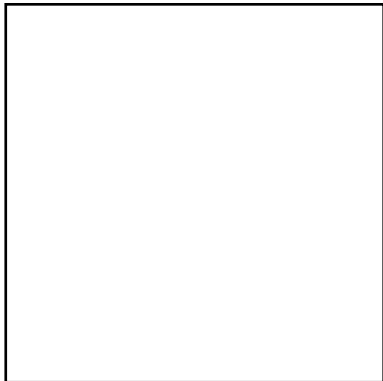




Name \_\_\_\_\_

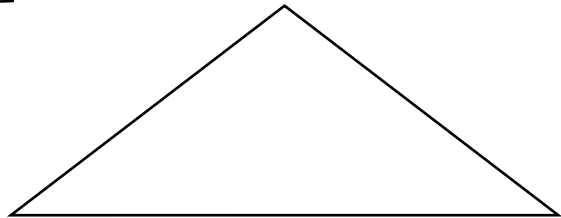
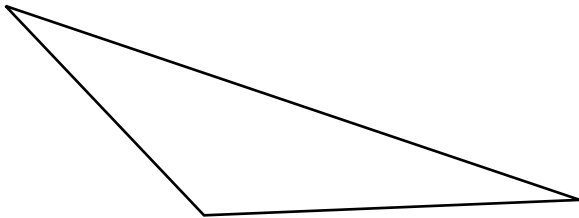
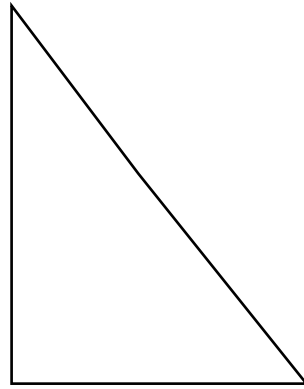
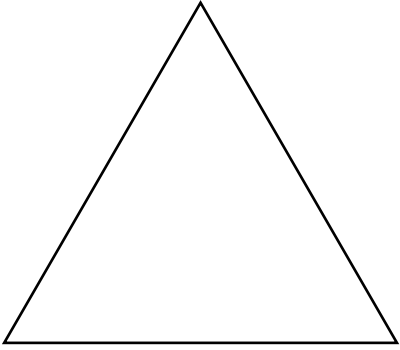
G7

Draw the lines of symmetry of each shape. Check your work with a mirror.



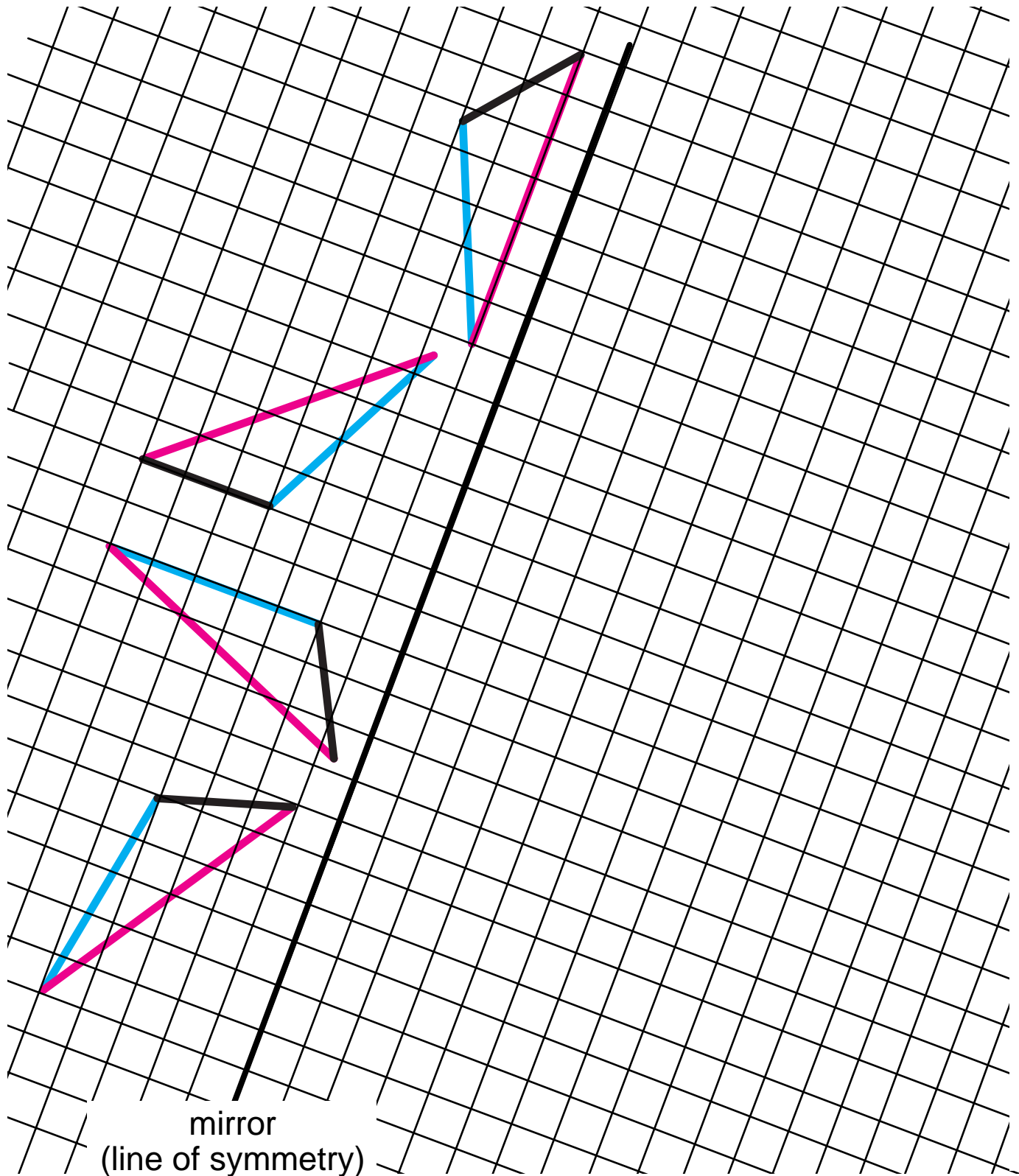
-over-

Draw the lines of symmetry of each shape. Check your work with a mirror.

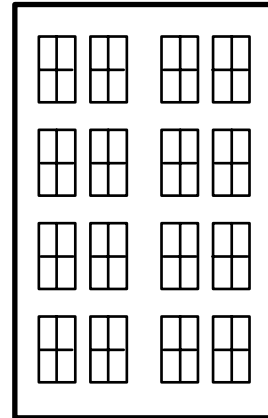


Name \_\_\_\_\_

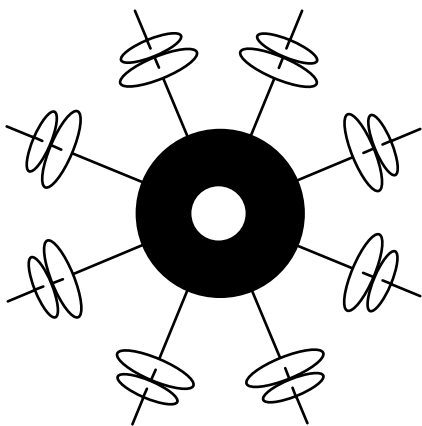
Draw the reflection of each of the triangles below. Check your work with a mirror.



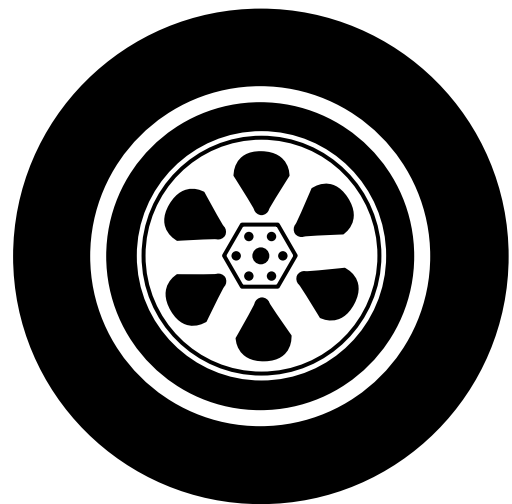
Draw the lines of symmetry of each picture. Check your work with a mirror.



There is more than 1.



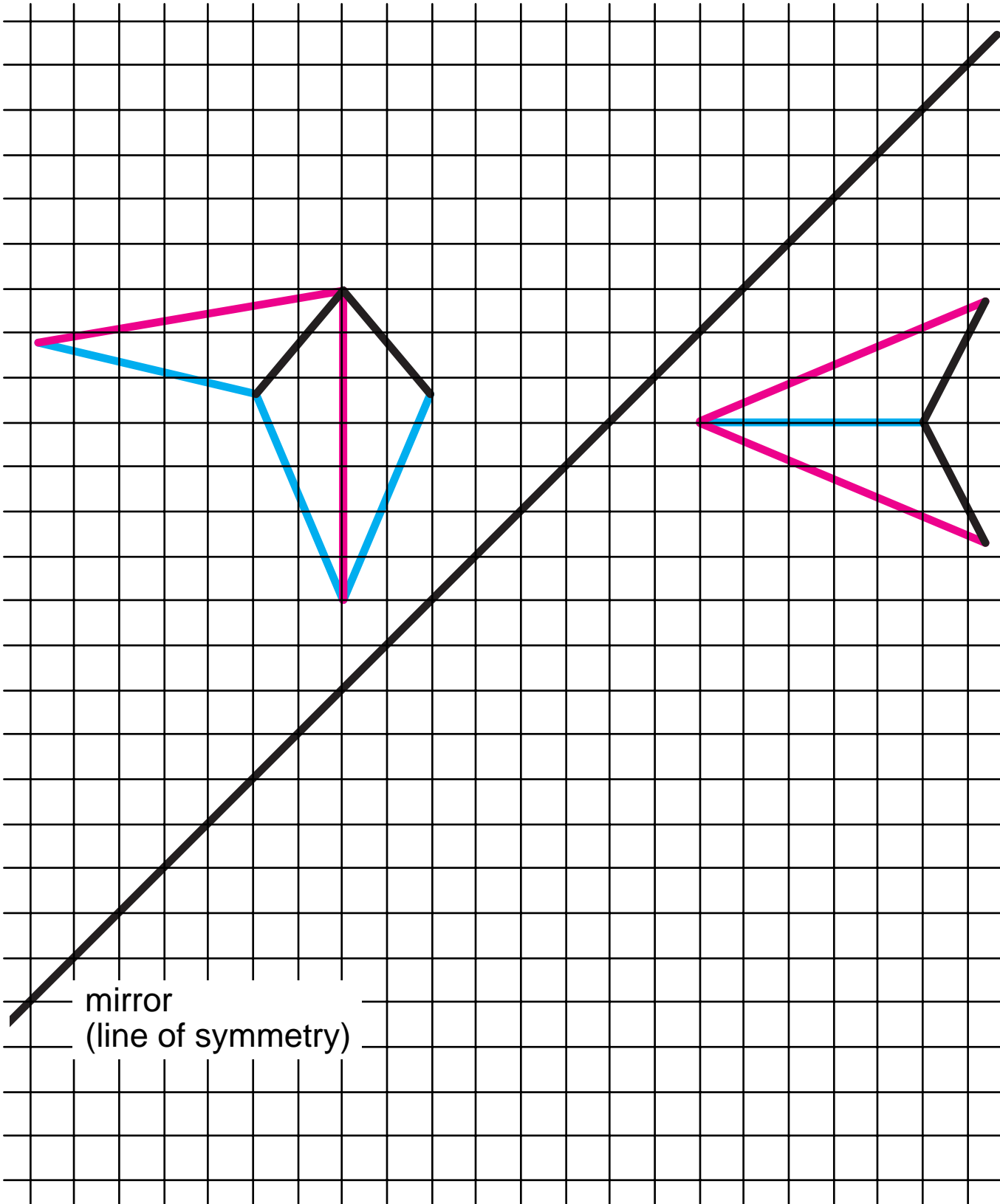
There are more than 2.



There are more than 3.

Name \_\_\_\_\_

Draw the reflection of each of the triangles below. Check your work with a mirror.



Name \_\_\_\_\_

Draw the reflection of each of the triangles below. Check your work with a mirror.

The diagram shows a grid with a horizontal line labeled "mirror (line of symmetry)". A blue triangle is drawn above the mirror, and a pink triangle is drawn below it, representing its reflection. The vertices of the blue triangle are at approximately (2, 8), (4, 6), and (6, 7) on a coordinate grid where (0,0) is the origin. The vertices of the pink triangle are at approximately (2, 2), (4, 4), and (6, 3). The two triangles are mirror images of each other across the horizontal line at y=5.

Name \_\_\_\_\_

G8(a)

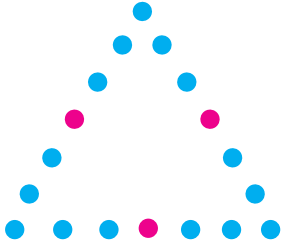
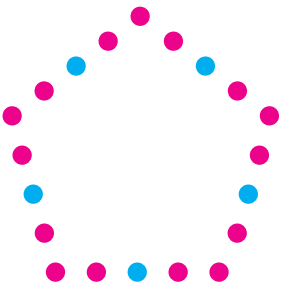
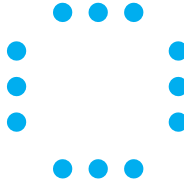
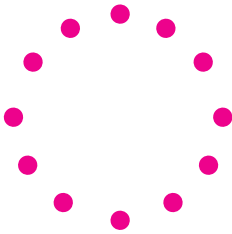
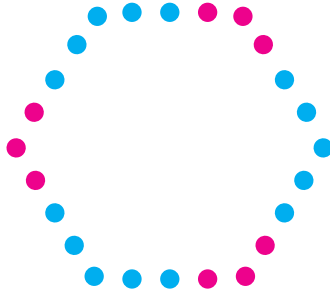
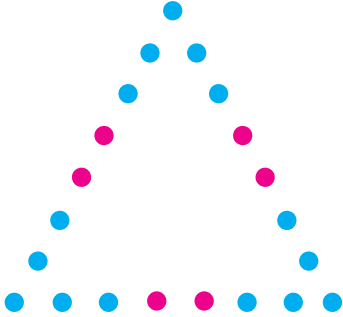
Use these dots and a double mirror to answer these questions.

- Can you make a design with 5 red dots? \_\_\_\_\_
- Can you make a design with 5 blue dots? \_\_\_\_\_
- Can you make a design with 4 red dots and 4 blue dots? \_\_\_\_\_
- Can you make a design with 3 red dots? \_\_\_\_\_
- Can you make a design with 7 blue dots? \_\_\_\_\_



Name \_\_\_\_\_

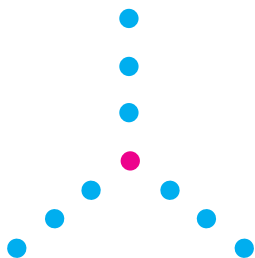
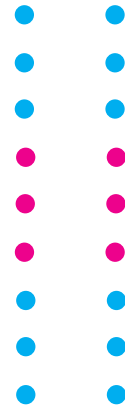
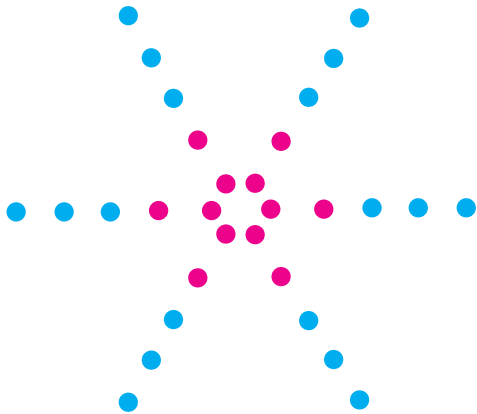
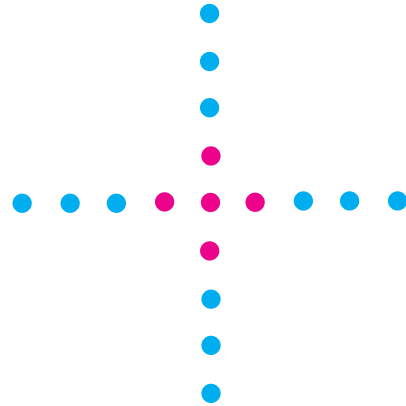
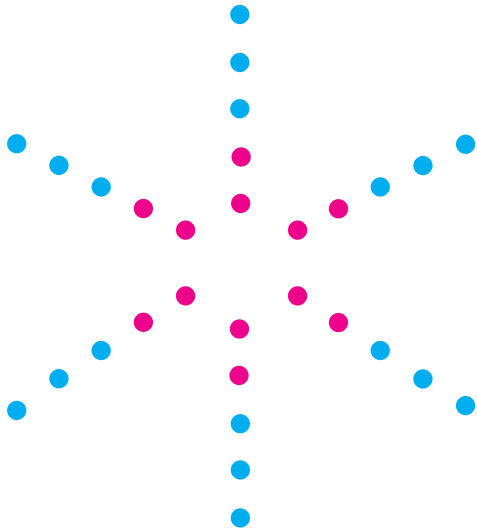
G8(b)





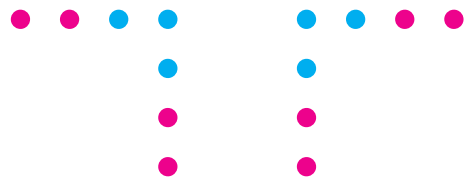
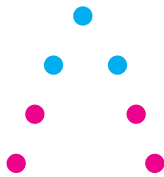
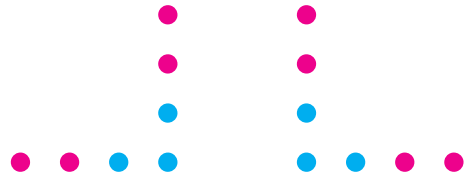
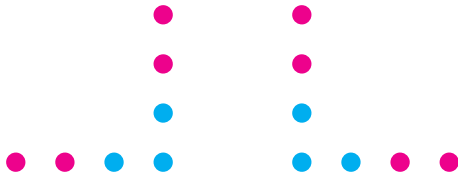
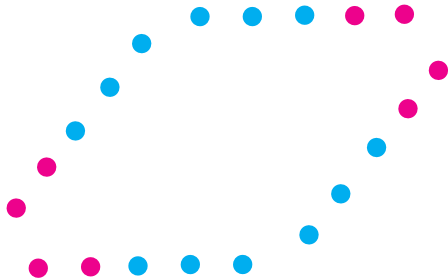
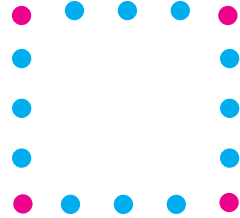
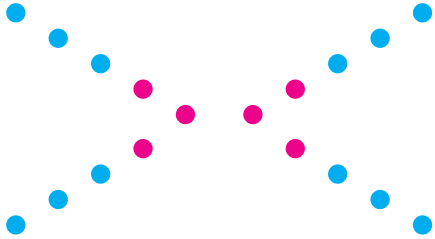
Name \_\_\_\_\_

G8(c)



Name \_\_\_\_\_

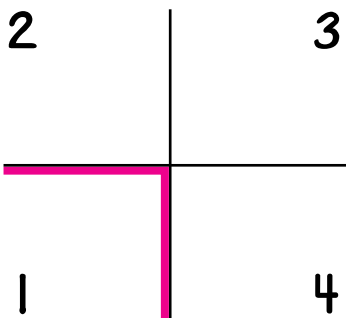
G8(d)



Name \_\_\_\_\_

G8(e)

ABCDEFGHIJKLMN  
OPQRSTUVWXYZ



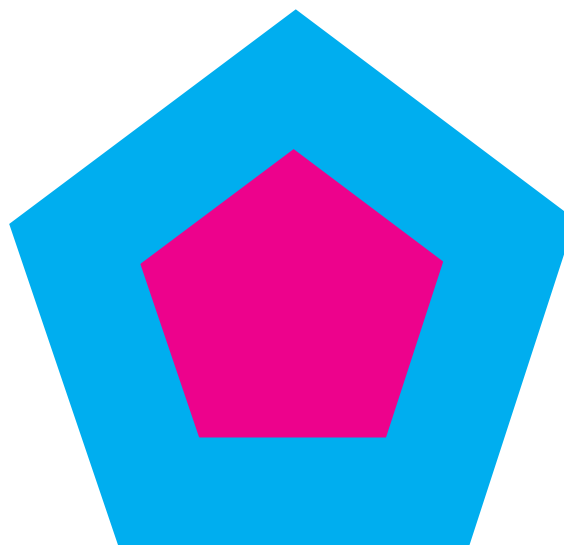
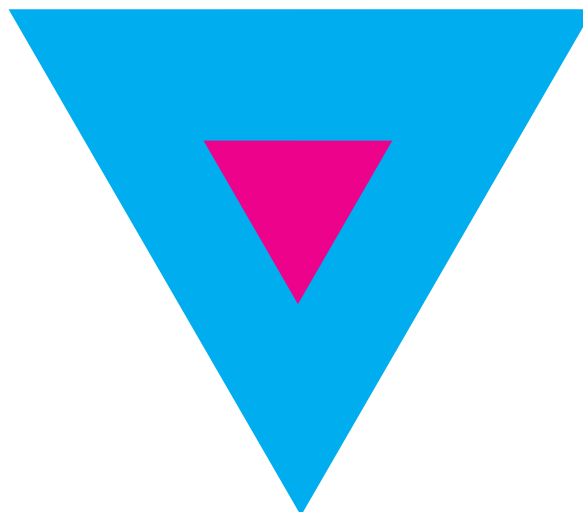
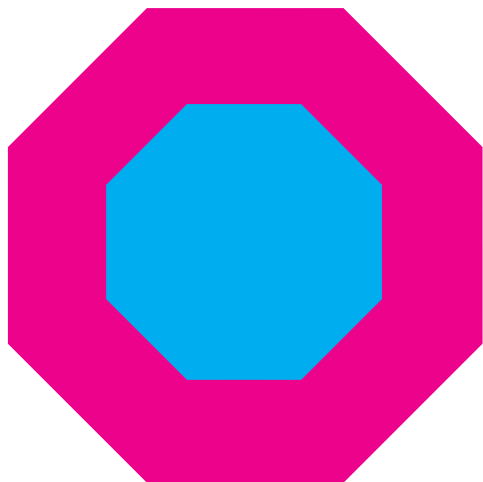
Classify each letter.

Different images in all four regions	Same images in regions 1 and 2	Same images in regions 1 and 3	Same images in regions 1 and 4	Same images in regions 1, 2, 3, and 4

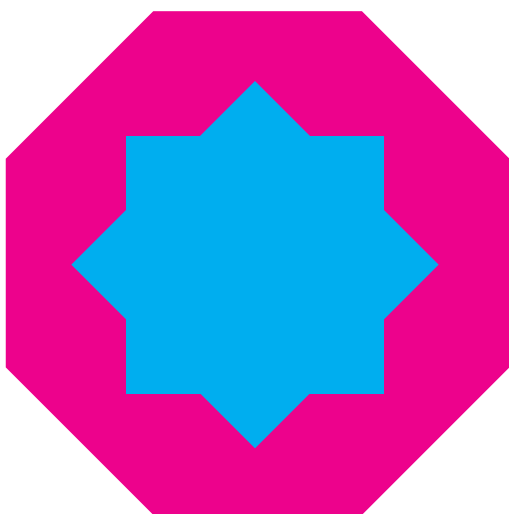
Name \_\_\_\_\_

G9(a)

Use blue paper, red paper, and a double mirror to see each of these designs.



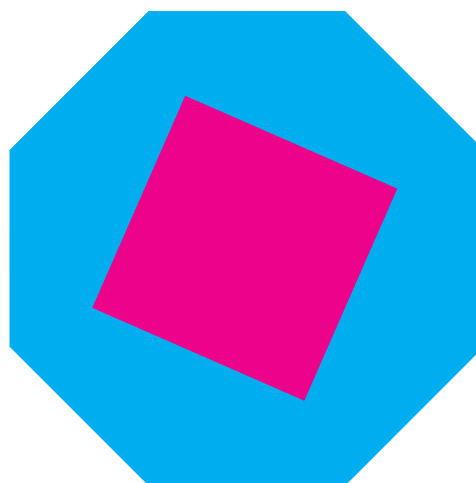
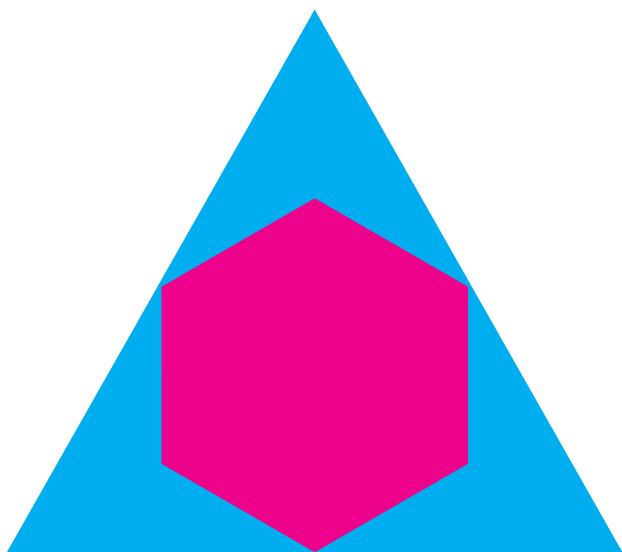
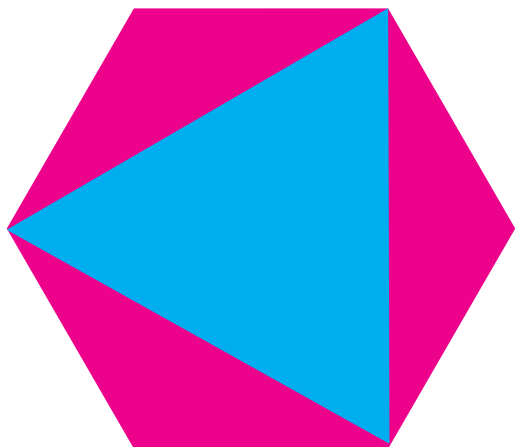
Use blue paper, red paper, and a double mirror to see each of these designs.



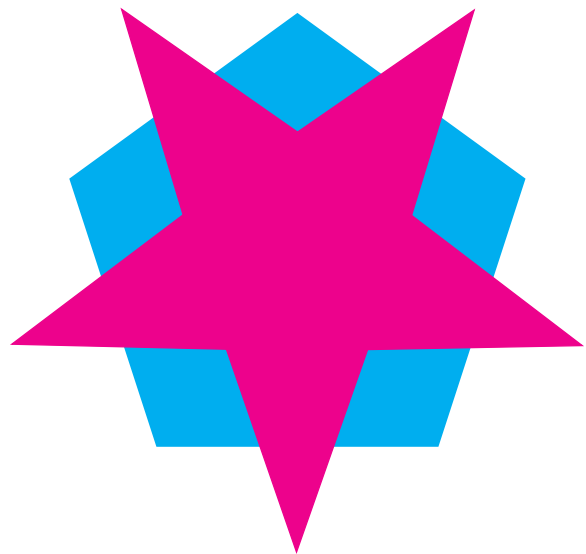
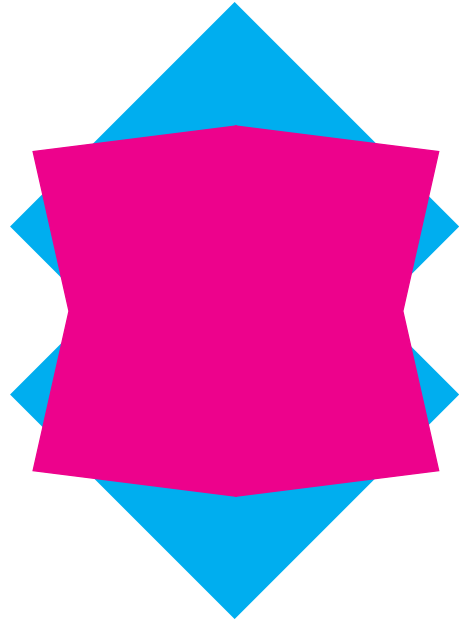
Name \_\_\_\_\_

G9(b)

Use blue paper, red paper, and a double mirror to see each of these designs.



Use blue paper, red paper, and a double mirror to see each of these designs.



Name \_\_\_\_\_

Place the double mirror on the red lines. Draw on this worksheet exactly what you see in the mirrors.

The grid contains two pairs of red lines forming double mirrors. Each pair consists of two vertical lines and a horizontal line connecting them. The top pair has a black L-shaped object on the left and a black arrow pointing up and right on the right. The bottom pair has a black right-angled triangle on the left and a black arrow pointing down on the right.



Name \_\_\_\_\_

Place the double mirror on the red lines. Draw on this worksheet exactly what you see in the mirrors.

The grid contains two sets of double mirrors, each consisting of two vertical red lines and two horizontal red lines forming a rectangular frame. The objects to be mirrored are:

- Top-left: A Christmas tree with three small circles (ornaments) on its branches.
- Top-right: A sailboat with a triangular sail and a smiling face on the hull.
- Bottom-left: A simple car with a rounded roof and two wheels.
- Bottom-right: A round fruit, possibly an orange, with a small stem and leaf.