Name: Date:

1. What is this shape? Explain how you know.

\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Draw the following triangles and explain what makes your drawing that particular triangle.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Isosceles | Equilateral | Scalene |
| Drawing |  |  |  |
| Explanation |  |  |  |

3. Draw a parallelogram. Explain why the shape you drew is a parallelogram.

4. Draw a trapezoid. Explain why the shape you drew is a trapezoid.

5. Draw the line(s) of symmetry in the following figures:

F

E

D

C

A

B

6. List all the shapes from above that have only right angles**.** Write the letters that are next to each shape on the line below.

7. List all the shapes from above that have 4 congruent sides**.** Write the letters that are next to each shape on the line below.

8. List all the shapes from above that have exactly one pair of parallel lines. Write the letters that are next to each shape on the line below.