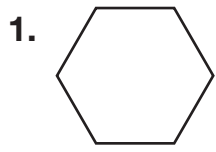# Combining and Separating Shapes
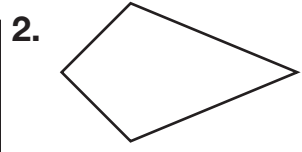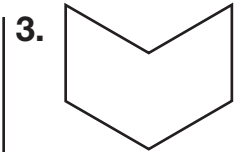
In **1–3**, draw one or more diagonals to make the new shapes named.

1.

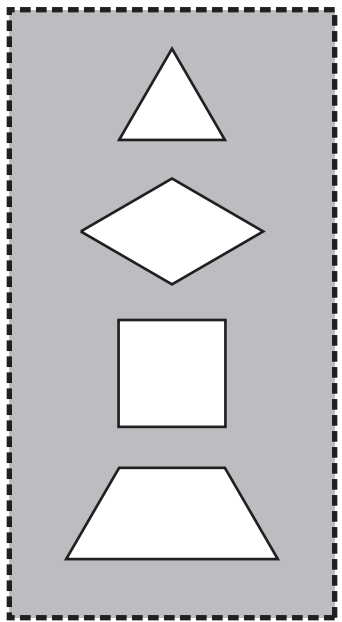Make 2 triangles and 1 trapezoid.

2.

Make 2 different sized triangles.

3.

Make 2 triangles and 1 rhombus.

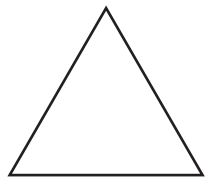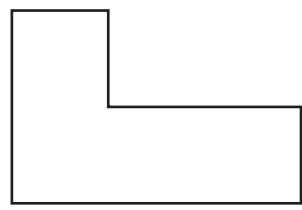For **4–6**, use Lenny's shapes. You can trace and cut them out if you need to.

Lenny's Shapes

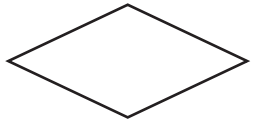**4.** Which 3 identical shapes put together will make this shape?

_____

5. Which 4 identical shapes put together will make this shape?

_____

6. Which 4 identical shapes put together will make this shape?

_____

7. Maria drew a diagonal on the shape below to separate it into two shapes. Which two shapes did she make?

A 2 rhombuses   **B** 2 trapezoids   **C** 2 triangles   **D** 2 parallelograms

8. What different shapes can you make by cutting a hexagon on one or more of its diagonals? Give at least two examples.

_____