Problem Solving • Draw to Join Shapes

Essential Question How can you solve problems using the strategy *draw a picture*?

Common Core **Geometry—K.G.B.6**
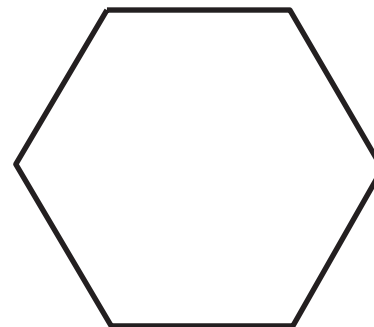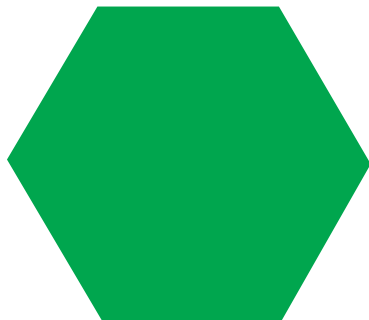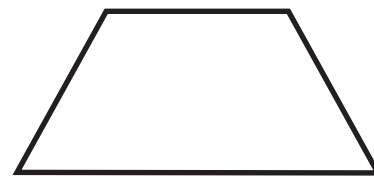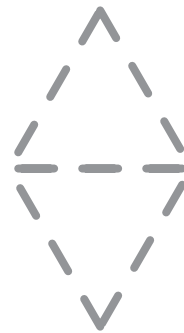
MATHEMATICAL PRACTICES
MP5, MP7, MP8

🗝 **Unlock the Problem** Hands On
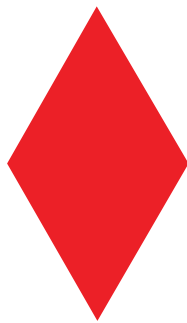
DIRECTIONS How can you join triangles to make the shapes? Draw and color the triangles.

1

2

DIRECTIONS **1.** How can you join the two triangles to make a rectangle? Trace around the triangles to draw the rectangle. **2.** How can you join the two triangles to make a larger triangle? Use the triangle shapes to draw a larger triangle.

560 five hundred sixty
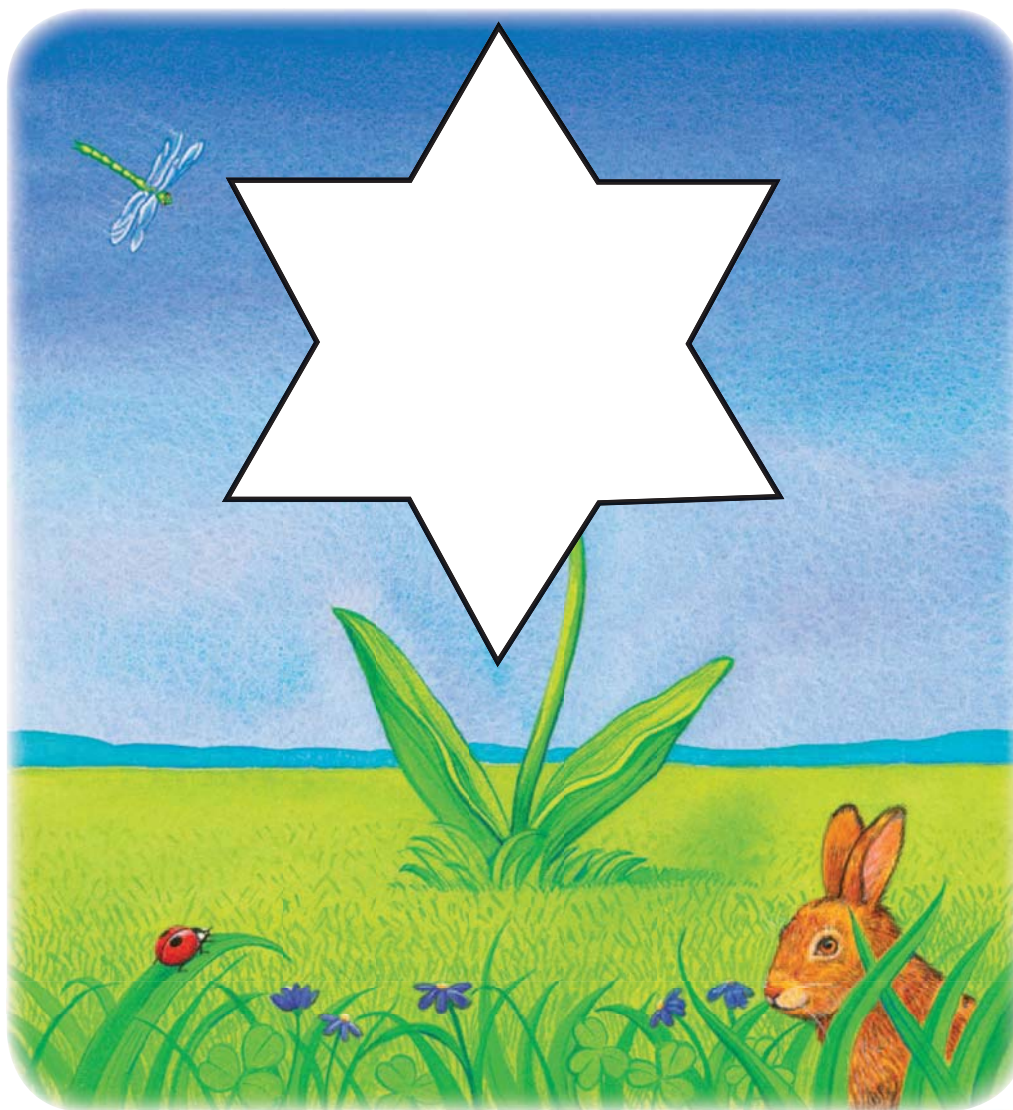
Name _____

3

4 ✓

DIRECTIONS 3. How can you join some of the squares to make a larger square? Use the square shapes to draw a larger square. **4.** How can you join some or all of the squares to make a rectangle? Use the square shapes to draw a rectangle.

On Your Own

5

WRITE Math

6

DIRECTIONS **5.** Can you join these shapes to make a hexagon? Use the shapes to draw a hexagon. **6.** Which shapes could you join to make the larger shape? Draw and color to show the shapes you used.
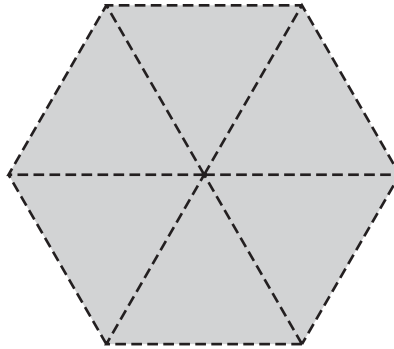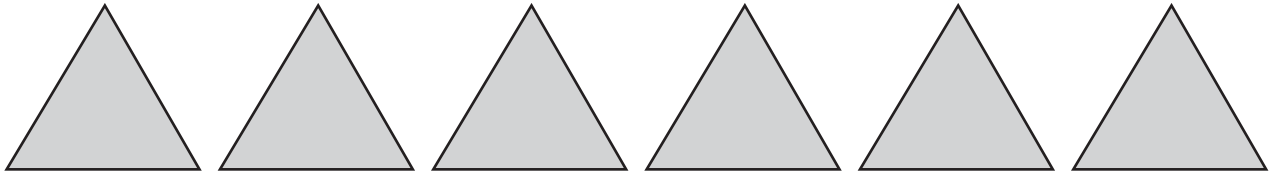
HOME ACTIVITY • Have your child join shapes to form a larger shape, and then tell you about the shape.

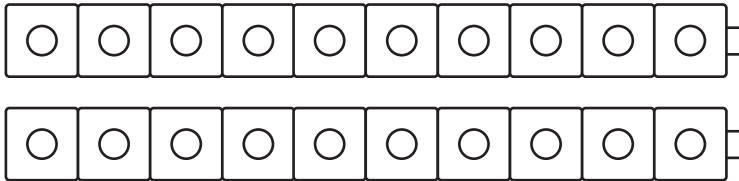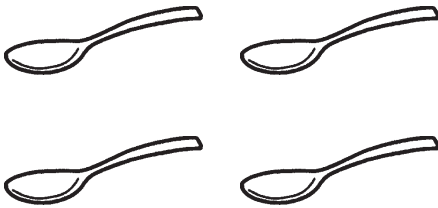# Problem Solving • Draw to Join Shapes

1

2

DIRECTIONS **I.** Place triangles on the page as shown. How can you join all of the triangles to make a hexagon? Trace around the triangles to draw the hexagon. **2.** How can you join some of the triangles to make a larger triangle? Trace around the triangles to draw the larger triangle.

1

2

3

DIRECTIONS **1.** Join two triangles to make the shape. Draw and color the triangles you used. **2.** Count and tell how many. Write the number. **3.** Count and tell how many in each set. Write the numbers. Compare the numbers. Circle the number that is less.

**FOR MORE PRACTICE
GO TO THE
Personal Math Trainer**