



Classifying Two-Dimensional Figures

Explore – Answer Key

Materials:

Pattern Blocks and Counters (round)

Procedure:

1. Name all the shapes in the pattern block and counter set:
 - a. Triangle – green
 - b. Square – orange
 - c. Trapezoid – red
 - d. Rhombus – blue, tan
 - e. Hexagon – yellow
 - f. Circle – red or yellow
2. Ask: Can you use 2 triangles to make a square?
3. Ask: What pattern blocks can you use to make a rectangle? How many did you use?
4. Ask: Can you make a rectangle using 2 different shapes of pattern blocks?
5. Ask: Which shape is the circle?
6. Ask: What makes the circle different from the other shapes? What properties do the other shapes have that the circle does not? (Listen for: other shapes have edges and vertices, the circle does not)
7. Have students use their pattern blocks to complete the Explore Activity Sheet. Remove the tan rhombus and circles for the activity.



Name _____ Date _____

Complete the table. Write the number of pattern blocks you use to build each shape. You **MUST** use 2 or more pattern blocks to make each shape. Use your pattern blocks to help you.

Answers can vary. Possible answers are shown.

	Triangle	Square	Trapezoid	Rhombus	Hexagon
Triangle	1		1		
Square		4			
Rectangle		2			
Trapezoid	1			1	
Pentagon	1	1			
12- sided shape	6	6			1

