

Journal #17: (Discovery Activity)

Answer the following questions:

Classify each polygon:

1. A polygon with three congruent sides

2. A polygon with six congruent sides and six congruent angles

3. A polygon with four sides and with opposite sides parallel and congruent

Discovery Activity:

✓ Materials:

From the front of the room take the following

- 6 squares
- 6 triangles
- 2 of each type of polygon (excluding square and triangle)

✓ Activity:

1. Start making three-dimensional shapes with the blocks.
2. Fill in the table below

Sketch of 3-D Figures	Unfolded figure	# Vertices	# Edges	#faces	Calculate: V-E+F
1.					
2.					
3.					

- a. What did you notice about the result of the calculation? Check the results of a neighbor.

- b. How do you think we should name or classify these figures?

- c. What similarities/differences are there between the figures you have made?