Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Polygon Capture Homework



**Using the gameboard pieces from today’s game (pictured above), answer the following questions:**

1. Which polygons have all right angles AND all sides of equal lengths?
2. Which polygons are quadrilaterals? How do you know?
3. Name one way that “T” is similar to “J” and one way the two polygons are different.
4. Which polygons have no parallel sides?
5. Is it possible to have a quadrilateral with both obtuse and right angles? Prove your answer with a figure.

**Measuring Angles in the Real World**

**Directions**: Identify each angle as acute, obtuse or right. Then, measure each angle using your medallion.



My Angle Problem Journal Prompt

Today in class we solved a skateboard problem that involved angles.

Jason is doing tricks at a skateboard park. He jumps in the air on his board and does 2 quarter turns. Then he does a half turn. Finally he does a full turn in the air.

1. What are the degrees of each turn Jason did?

2. Draw a picture on your math board to show the turns.

3. How many total degrees were in all the tricks Jason performed?

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**Write your own problem and explain how you would solve it using numbers, pictures, and/or words.**