Geometry Concepts Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quiz 2-3

Part 1- Multiple Choice (Draw the figures if you need a visual)

1. A closed shape with no curves and all endpoints connected.

a. Transversal b. Polygon c. Circle d. Line

2. A polygon with 4 sides

a. Decagon b. Circle c. Quadrilateral d. Pentagon

3. The sum of the angles of a triangle is:

a. 180° b. 90° c. 360° d. 6 degrees of Kevin Bacon

Part 2 - True or False

4. The symbol for showing sides of a polygon are equal is a dash on each equal

side\_\_\_\_\_\_\_\_\_\_\_\_\_

5. A triangle can have more than two 90° angles. \_\_\_\_\_\_\_\_\_\_\_

6. Perpendicular lines form 90° angles. \_\_\_\_\_\_\_\_\_\_

Part 3 -Fun Stuff (Find the measure of the missing angles)

7.



8.



9.



Bonus 1. What is the name of a nine sided polygon?

Bonus 2. What are the three types of parallelograms in the quadrilateral family tree?

Bonus 3. How long does it take a signal to get from Mars to Earth?