Chapter 7 Quiz Prep

1. Draw diagrams to represent polygons
    a. Need to know…
        i. Concave vs convex
        ii. Regular vs irregular
        iii. How many sides the name of each polygon has (3 sides through 12 sides)
2. Given the number of sides a polygon has, state the name of the polygon.
3. State formulas used to find angle measures in polygons.
    a. Sum of interior angles in a convex polygon
    b. Measure of one interior angle in a regular convex polygon
    c. Sum of exterior angles in a convex polygon
    d. Measure of one exterior angle in a regular convex polygon
    e. Also know what "n" and "n – 2" represent in each of these formulas…
4. Apply the Polygon Interior Angles Theorem
5. Apply the Polygon Exterior Angles Theorem
6. Given a parallelogram, use its properties to find unknown measures
7. Given a diagram, determine if it is a parallelogram. If so, describe the theorem used.
8. Write a two-column proof to prove that a quadrilateral is a parallelogram.