**H. Geometry – Bellwork #46 Date: \_\_\_\_\_\_\_\_\_\_**

**Find the missing angle measures.**

1. 2. 3.

**Find the sum of the measures of Find the measure of an interior angle and an exterior angle**

**the angles of each polygon. of each regular polygon.**

4. 16-gon 5. 72-gon 6. Hexagon 7. Octagon

**The measure of an exterior angle of a regular The sum of the measures of the angles of a**

**polygon is given. Find the measure of an interior polygon with n sides is given. Find n.**

**angle and find the number of sides.**

8. Exterior angle = 20 9. Exterior angle = 72 10. 5040 11. 9720

**Classify each polygon by its sides. Identify each as convex or concave.**

12. 13.