

**VOCABULARY**  
**ENVISION TOPIC #10 – CIRCLES**

**NAME:** \_\_\_\_\_  
**DATE:** \_\_\_\_\_ **BLOCK:** \_\_\_\_\_

*Directions: Use your textbook to complete the following. Look up the **bold** word(s) in the "Visual Glossary" in the back of the book (starting after p.547).*

1. The **circumference** of a circle is the \_\_\_\_\_ around the circle. Given the radius,  $r$ , of a circle, you can find its circumference  $C$  by using the formula \_\_\_\_\_.
2. The **area** of a plane figure is the number of \_\_\_\_\_ units \_\_\_\_\_ by the figure.
3. A **radius of a circle** is any segment with one endpoint \_\_\_\_\_ the circle and the other endpoint at the \_\_\_\_\_ of the circle.
4. A **diameter of a circle** is a segment that contains the \_\_\_\_\_ of the circle and whose endpoints are \_\_\_\_\_ the circle.
5. A **semicircle** is \_\_\_\_\_ a circle.
6. A **minor arc** is an arc that is \_\_\_\_\_ than a \_\_\_\_\_.
7. A **major arc** of a circle is an arc that is \_\_\_\_\_ than a \_\_\_\_\_.
8. An **intercepted arc** is the \_\_\_\_\_ of a circle that lies \_\_\_\_\_ two segments that \_\_\_\_\_ the circle.
9. A **central angle of a circle** is an angle formed by two \_\_\_\_\_ with the \_\_\_\_\_ at the \_\_\_\_\_ of the circle.
10. A **sector of a circle** is the region \_\_\_\_\_ by two \_\_\_\_\_ and the \_\_\_\_\_ arc.
11. A **tangent to a circle** is a line in the plane of the circle that \_\_\_\_\_ the circle in \_\_\_\_\_ point. That point is the \_\_\_\_\_ of \_\_\_\_\_.
12. A **chord** of a circle is a \_\_\_\_\_ whose \_\_\_\_\_ are \_\_\_\_\_ the circle.
13. The **distance from a point to a line** is the \_\_\_\_\_ of the \_\_\_\_\_ segment from the point to the line.
14. A **secant** is a line, ray, or segment that \_\_\_\_\_ a circle at \_\_\_\_\_ points.