Unit 33 Measuring Perimeter and Circumference

1. Perimeter

- A. **Perimeter** refers to the distance around an object. The perimeter of a circle is called **circumference**.
- B. Important quantities for a polygon are the length (I), width (w), base (b), and side (s) of the object.
- C. These are the important quantities for a circle.
 - 1. The diameter (d) is a line segment passing through the center of the circle and connecting two points on the circle.
 - 2. The radius (r) is a line segment joining the center of the circle with a point on the circle.
 - 3. Pi (pronounced pie) is the number of diameters in the circumference of all circles.

 $\pi = \frac{22}{7} \approx 3.14$



