Name_____   Date_____   Period _____
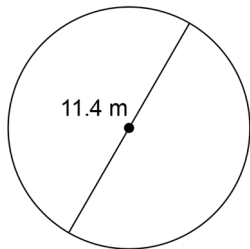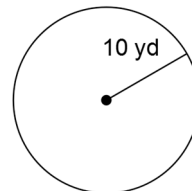
Circumference of Circles Practice

Directions: For each of the following problems, find the <u>exact</u> and <u>approximate</u> circumference. Use your calculator's value of π and round your answers to the nearest hundredth. Be sure to show all calculations!!!

1.

11.4 m

2.

10 yd

3. The earth has a diameter of 7926.41 miles. How far would Mary have to walk, if she could walk around the equator?

4. Each seat on the Ferris wheel at the fair is 65 feet from the center of the wheel. What is the distance traveled by a passenger in one full rotation of the Ferris wheel?

5. Pizza night! Your favorite pizzeria, DeLorenzo's, likes to play math games with their customers, so they present you with two options:

   - Option A: a pizza with the radius of 10 inches for $13.95

   - Option B: a pizza with a circumference of 72 inches for $13.95

   Which pizza is the better buy? <u>Why</u>?