**Extra Practice 2 V2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

## **Lesson 4.2: Circumference of a Circle**

Make sure to include units for all questions and show work

**1.** Find the radius if the diameter is a) 15 cm b) 22.6 m c) 154. 6 mm

**2**. Find the Diameter if the radius is a) 15.4 m c) 97.5 mm

**3.** Calculatethe circumference of each circle below to one decimal place. If they have a the following

a) Diameter is 11.5mm b) Diameter is 124 cm c) radius 7.6 cm

**4.** Given the following circumference then calculate the diameter of the circle to one decimal place.

a) 59.346 cm b) 114.296 mm c) 19.782 m

**5.** Given the following circumference then calculate the radius of the circle to one decimal place.

a) 56.52 mm b) 24.008 m c) 197.192 cm

**4.** A circular pig encloser has a diameter of 6.8 m.

a) The encloser is to be enclosed with a fence. How much fence will it take to enclose the pigs?

b) The fence cost $8.75 per m. What is the cost of the fence?