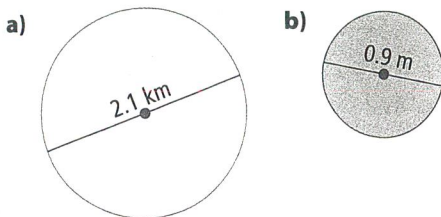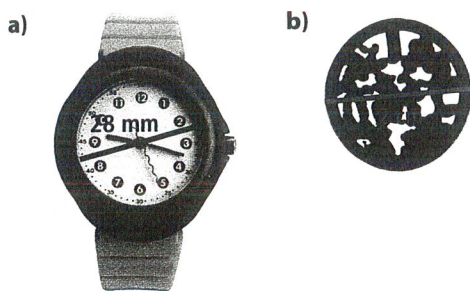**Practise**

Use 3.14 for π in calculations.

Round all answers to the nearest tenth of a unit unless otherwise specified.

For help with #3 to #6, refer to Example 1 on page 275.

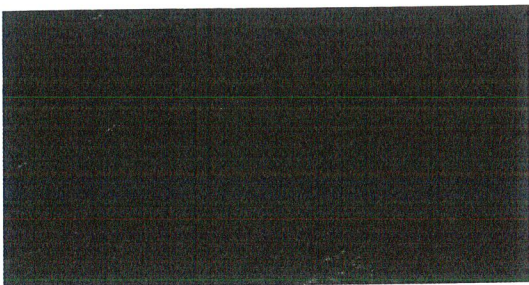**3.** Estimate and then calculate the circumference of each circle.

a)

2.1 km

b)

0.9 m

4. Estimate and then calculate the circumference of each circle.
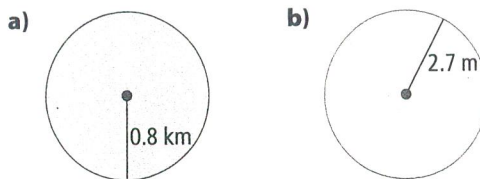
a)

28 mm

b)

5. Suki is walking on a circular path around a park. If the circle has a diameter of 3 km, how far does she walk? Answer to the nearest kilometre.

6. The Deep Bay crater in Saskatchewan has a diameter of approximately 13 km. What is the circumference of the crater? Answer to the nearest kilometre.
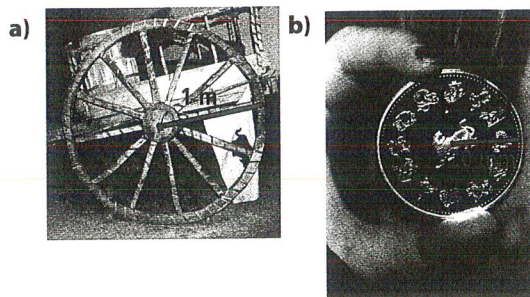
For help with #7 to #10, refer to Example 2 on page 276.

7. Estimate and then calculate the circumference of each circle.

a)

0.8 km

b)

2.7 m

8. Estimate and then calculate the circumference of each circle.

a)

b)

9. Ashley sits on a carousel horse that is 4.8 m from the centre of the carousel. How far does she travel in one rotation of the carousel?

10. The Medicine Wheel is an important symbol of the peaceful relationships among all living things. A number of stone Medicine Wheels can be found across southern Alberta. If the radius of a Medicine Wheel is 1.2 m, how far do you travel when you walk around the Medicine Wheel?

WWW Web Link

To learn more about Medicine Wheels, go to www.mathlinks7.ca and follow the links.