TEST NAME: **Circumference Review #1**
TEST ID: **3141908**
GRADE: **07 - Seventh Grade**
SUBJECT: **Mathematics**
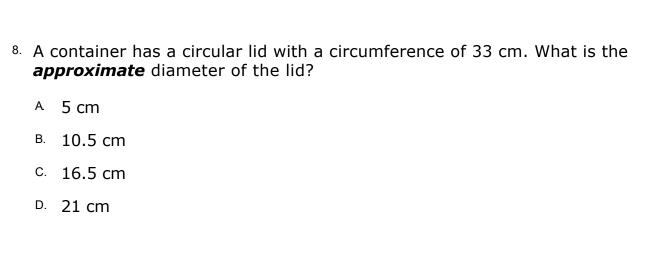TEST CATEGORY: **School Assessment**
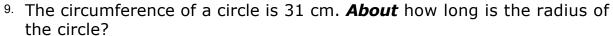
Student: _____

Class: _____

Date: _____

1. The circumference of a circle is 188 meters. What is the **approximate** radius of the circle?

   A. 30 meters

   B. 60 meters

   C. 94 meters

   D. 128 meters

2. A circular mirror has a circumference of 85 inches. Which is closest to the diameter of the mirror? Use 3.14 for π.

   A. 5 inches

   B. 14 inches

   C. 27 inches

   D. 54 inches

3. Jack cut out two fabric circles of different sizes in his art class. The larger circle has a circumference of 22 inches, and the smaller circle has a circumference of 14 inches. What is the total area, to the nearest hundredth of a square inch, of the two circles? $(\text{Use } \pi = 3.14.)$

   A. 54.14 square inches

   B. 29.89 square inches

   C. 11.47 square inches

   D. 5.73 square inches

4. Tom has a circular clock with a circumference of 39.88 inches. What is the radius of Tom's clock, to the nearest hundredth of an inch? $(\pi \approx 3.14)$

   A   25.40 inches

   B. 12.70 inches

   C. 6.35 inches

   D. 3.56 inches

5. A circle has a circumference of about 54 in. What is the **approximate** measure of the diameter?

   A   25 in.

   B. 17 in.

   C. 7 in.

6. Jalen is making a circular pizza with a circumference of 44 inches. What is the **approximate** radius of Jalen's pizza?

   A   7 inches

   B. 14 inches

   C. 22 inches

   D. 28 inches

7. The circumference of a circle is 19 in. What is the **approximate** diameter of the circle?

   A   3 in.

   B. 6 in.

   C. 10 in.

   D. 38 in.

8. A container has a circular lid with a circumference of 33 cm. What is the *approximate* diameter of the lid?

   A. 5 cm

   B. 10.5 cm

   C. 16.5 cm

   D. 21 cm

9. The circumference of a circle is 31 cm. *About* how long is the radius of the circle?

   A. 5 cm

   B. 10 cm

   C. 16 cm

   D. 20 cm

10. A flower pot has a circumference of 35 inches. What is the *approximate* length of the radius of the flower pot?

   A. 3.3 inches

   B. 5.6 inches

   C. 6.8 inches

   D. 11.1 inches

11. The circumference of a plate is about 41 inches. What is the *approximate* area of the plate?

   A. 129 inches^2

   B. 133 inches^2

   C. 417 inches^2

   D. 535 inches^2

12. The circumference of a circle is 16 ft. What is the *approximate* area of the circle?

    A. 20 ft^2

    B. 50 ft^2

    C. 80 ft^2

    D. 200 ft^2

13. The circumference of a circle is 25 mm. What is the *approximate* radius of the circle?

    A.   4 mm

    B.   5 mm

    C.   8 mm

    D.   12 mm

14. The circumference of a circle is 1,250 cm. What is the *approximate* length of the diameter of the circle?

    A.   200 cm

    B.   300 cm

    C.   400 cm

    D.   500 cm