

Grade 7 – SS1 #2

(Show your work and transfer answers to grey strip at right.)

1) If a circle has a diameter of 26 cm, what is the radius? Use 3.14 for π .

- A 1.3cm
- B 52cm
- C 13cm
- D 81.64cm

2) The diameter of a circle is 7mm. What is the circumference of this circle? Use 3.14 for π .

- A 21.98mm
- B 2198mm
- C 10.99mm
- D 43.36mm

3) The radius of a circle is 9cm. What is the circumference of the circle? Round to the nearest hundredth. Use 3.14 for π .

- A 28.26mm
- B 14.13mm
- C 56.52mm
- D 60.59mm

4) The circumference of a circle is 20 cm. What is the diameter of the circle?

Use 3.14 for π .

- A 125.6cm
- B 12.74cm
- C 6.37cm
- D 52.8cm

ANSWERS

1. A
B
C
D

2. A
B
C
D

3. A
B
C
D

4. A
B
C
D

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- 1) If the diameter of a circle is 40 cm, what is its radius?
- 2) A circle has a radius of 108 mm. What is the diameter of the circle?
- 3) If the radius of a circle is **10.5 cm**, what is its diameter?
- 4) The diameter of a circle is 17.5 m. What is the radius of this circle?
- 5) If the diameter of a circle is 9 cm, what is its circumference?
- 6) The diameter of a circle is 40 cm. What is its circumference?
- 7) If the diameter of a circle is 5.5 m, what is the circumference?
- 8) The diameter of a circle is 12.5 mm. What is the circumference?
- 9) The radius of a circle is 4 cm. What is the circumference?
- 10) A circle has a radius of 39.8 mm. What is its circumference?
- 11) The radius of a circle is 12.3 m. What is the circumference?
- 12) If the radius of a circle is 47 cm, what is the circumference?
- 13) A circle has a circumference of 30 cm. What is its diameter?
- 14) A circle has a circumference of 55 m. What is the circle's diameter?
- 15) The circumference of a circle is 44 mm. What is the radius?
- 16) If the circumference of a circle is 128 cm, what is the radius?