⬙ Raid 2: Circles of Doom & the Perimeter Pitfall
Perimeter and Area Review

Directions: Choose the correct answer (A–D) for each question.

1. What is the perimeter of a rectangle with length 12 cm and width 7 cm?

      A) 38 cm

      B) 40 cm

      C) 42 cm

      D) 45 cm

2. Find the perimeter of a parallelogram with base 10 cm and height of 6 cm.

      A) 16 cm

      B) 26 cm

      C) 32 cm

      D) 36 cm

3. A trapezoid has sides of lengths 8 cm, 5 cm, 6 cm, and 7 cm. What is its perimeter?

      A) 24 cm

      B) 26 cm

      C) 28 cm

      D) 30 cm

4. What is the perimeter of a square with a side length of 9 cm?

      A) 27 cm

      B) 36 cm

      C) 45 cm

      D) 81 cm

5. A rectangle has a length of 15 m and a width of 4 m. What is the perimeter?

    A) 30 m

    B) 34 m

    C) 38 m

    D) 40 m

6. What is the area of a rectangle with length 10 cm and width 6 cm?

    A) 60 cm²

    B) 40 cm²

    C) 16 cm²

    D) 66 cm²

7. Find the area of a parallelogram with base 8 cm and height 5 cm.

    A) 13 cm²

    B) 35 cm²

    C) 40 cm²

    D) 45 cm²

8. A trapezoid has bases 6 cm and 10 cm and a height of 4 cm. What is its area?

    A) 30 cm²

    B) 32 cm²

    C) 36 cm²

    D) 40 cm²

9. What is the area of a square with side length 11 cm?

    A) 121 cm²

    B) 100 cm²

    C) 110 cm²

    D) 144 cm²

10. A rectangle has area 48 m² and length 12 m. What is the width?

    A) 3 m

    B) 4 m

    C) 5 m

    D) 6 m

11. What is the circumference of a circle with radius 7 cm? Use $\pi \approx 3.14$

    A) 43.96 cm

    B) 21.98 cm

    C) 49.36 cm

    D) 38.94 cm

12. Find the area of a circle with a radius of 5 cm. Use $\pi \approx 3.14$

    A) 78.5 cm²

    B) 25.4 cm²

    C) 31.4 cm²

    D) 85.5 cm²

13. What is the circumference of a circle with a diameter of 10 cm? Use $\pi \approx 3.14$

    A) 31.4 cm

    B) 15.7 cm

    C) 62.8 cm

    D) 25.4 cm

14. Find the area of a circle with diameter 12 cm. Use $\pi \approx 3.14$

    A) 113.04 cm²

    B) 56.52 cm²

    C) 18.84 cm²

    D) 75.36 cm²

15. What is the radius of a circle with area 50.24 cm^2? Use $\pi \approx 3.14$

      A) 3 cm

      B) 4 cm

      C) 5 cm

      D) 6 cm

Answer Key

1. C

2. B

3. C

4. B

5. D

6. A

7. C

8. D

9. A

10. D

11. A

12. A

13. A

14. A

15. C