



Grade 6 Maths Summative Test · Quarter 3

MATATAG curriculum · 20 items · encircle the letter of the correct answer



Teacher Daisy Jane
teacherdaisyjane.com

Name: _____

Grade & section: _____

Score: ____ / 20

1. A circle has a radius of 5 cm. Using $\pi \approx 3.14$, what is its circumference?

- (A) 78.50 cm (B) 33.40 cm (C) 31.40 cm (D) 15.70 cm

2. A box is 3 cm long, 2 cm wide and 4 cm high. What is its volume?

- (A) 9 cm³ (B) 52 cm³ (C) 6 cm³ (D) 24 cm³

3. A triangle has a base of 12 cm and a height of 7 cm. What is its area?

- (A) 42 cm² (B) 84 cm² (C) 19 cm² (D) 38 cm²

4. A box is 4 cm long, 6 cm wide and 2 cm high. What is its volume?

- (A) 88 cm³ (B) 24 cm³ (C) 12 cm³ (D) 48 cm³

5. A trapezoid has parallel sides of 12 cm and 12 cm and a height of 3 cm. What is its area?

- (A) 72 cm² (B) 27 cm² (C) 216 cm² (D) 36 cm²

6. 3 L = ____ cm³

- (A) 4,000 (B) 300 (C) 3,000 (D) 30,000

7. A circle has a radius of 7 cm. Using $\pi \approx 22/7$, what is its circumference?

- (A) 44 cm (B) 22 cm (C) 46 cm (D) 154 cm

8. A circle has a radius of 14 cm. Using $\pi \approx 22/7$, what is its circumference?

- (A) 616 cm (B) 90 cm (C) 44 cm (D) 88 cm

9. A box is 10 cm long, 8 cm wide and 7 cm high. What is its volume?

- (A) 80 cm³ (B) 412 cm³ (C) 25 cm³ (D) 560 cm³

10. 5 L = ____ cm³

- (A) 6,000 (B) 5,000 (C) 50,000 (D) 500

11. A box is 5 cm long, 2 cm wide and 6 cm high. What is its volume?

- (A) 60 cm³ (B) 104 cm³ (C) 10 cm³ (D) 13 cm³

12. A circle has a radius of 7 cm. Using $\pi \approx 3.14$, what is its circumference?

- (A) 21.98 cm (B) 45.96 cm (C) 153.86 cm (D) 43.96 cm

13. A box is 7 cm long, 7 cm wide and 5 cm high. What is its volume?

- (A) 49 cm^3 (B) 238 cm^3 (C) 19 cm^3 (D) 245 cm^3

14. $9 \text{ L} = \text{ ______ } \text{ cm}^3$

- (A) 90,000 (B) 900 (C) 10,000 (D) 9,000

15. A triangle has a base of 24 cm and a height of 7 cm. What is its area?

- (A) 84 cm^2 (B) 168 cm^2 (C) 62 cm^2 (D) 31 cm^2

16. $3 \text{ L} = \text{ ______ } \text{ cm}^3$

- (A) 3,000 (B) 30,000 (C) 300 (D) 4,000

17. A trapezoid has parallel sides of 8 cm and 10 cm and a height of 10 cm. What is its area?

- (A) 28 cm^2 (B) 180 cm^2 (C) 400 cm^2 (D) 90 cm^2

18. A triangle has a base of 20 cm and a height of 3 cm. What is its area?

- (A) 46 cm^2 (B) 23 cm^2 (C) 30 cm^2 (D) 60 cm^2

19. $4 \text{ L} = \text{ ______ } \text{ cm}^3$

- (A) 4,000 (B) 5,000 (C) 400 (D) 40,000

20. A circle has a radius of 7 cm. Using $\pi \approx 22/7$, what is its circumference?

- (A) 46 cm (B) 22 cm (C) 154 cm (D) 44 cm



Answer key · Grade 6 Maths Summative Test · Quarter 3

For teachers and parents



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#	Answer	#	Answer
1	C · 31.40 cm	11	A · 60 cm ³
2	D · 24 cm ³	12	D · 43.96 cm
3	A · 42 cm ²	13	D · 245 cm ³
4	D · 48 cm ³	14	D · 9,000
5	D · 36 cm ²	15	A · 84 cm ²
6	C · 3,000	16	A · 3,000
7	A · 44 cm	17	D · 90 cm ²
8	D · 88 cm	18	C · 30 cm ²
9	D · 560 cm ³	19	A · 4,000
10	B · 5,000	20	D · 44 cm

Table of specifications

Skill	Items	No. of items
Circumference	1, 7, 8, 12, 20	5
Volume of cubes and prisms	2, 4, 9, 11, 13	5
Area of plane figures	3, 5, 15, 17, 18	5
Converting cm ³ and litres	6, 10, 14, 16, 19	5

Score guide: 18–20 outstanding · 15–17 very satisfactory · 12–14 satisfactory · 9–11 fairly satisfactory · 0–8 needs more practice on the skills above.

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