



Grade 6 Maths Summative Test · Quarter 4

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



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Name: _____

Grade & section: _____

Score: ____ / 20

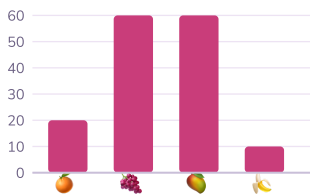
1. A circle has a radius of 7 cm. Using $\pi \approx 22/7$, what is its circumference?

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

2. What is the GCF of 21 and 49?

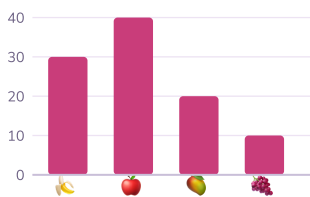
- (A) 7 (B) 14 (C) 6 (D) 147

3. The graph shows fruits sold. How many 🍊 were sold?



- (A) 10 (B) 30 (C) 20 (D) 60

4. The graph shows fruits sold. How many 🍎 were sold?

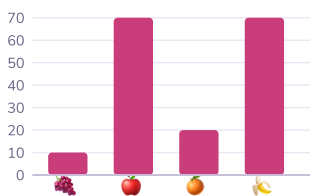


- (A) 40 (B) 50 (C) 10 (D) 30

5. What is the GCF of 16 and 24?

- (A) 48 (B) 8 (C) 7 (D) 16

6. The graph shows fruits sold. How many 🍇 were sold?



- (A) 30 (B) 10 (C) 0 (D) 20

7. What is the LCM of 7 and 8?

- (A) 1 (B) 15 (C) 56 (D) 112

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

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

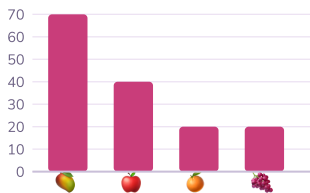
9. What is the LCM of 7 and 10?

- (A) 70 (B) 140 (C) 17 (D) 1

10. What is the GCF of 9 and 21?

- (A) 3 (B) 6 (C) 63 (D) 2

11. How many more were sold of the fruit with more: 🍏 or 🍊? Find the difference.



- (A) 30 (B) 20 (C) 40 (D) 60

12. A circle has a radius of 4 cm. Using $\pi \approx 3.14$, what is its area?

- (A) 200.96 cm² (B) 54.24 cm² (C) 50.24 cm² (D) 25.12 cm²

13. The graph shows fruits sold. How many 🍌 were sold?



- (A) 70 (B) 90 (C) 80 (D) 60

14. A circle has a radius of 6 cm. Using $\pi \approx 3.14$, what is its circumference?

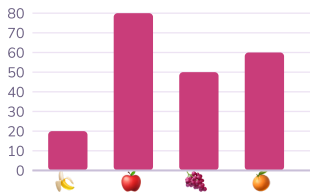
- (A) 37.68 cm (B) 18.84 cm (C) 113.04 cm (D) 39.68 cm

15. How many more were sold of the fruit with more: 🍏 or 🍏? Find the difference.



- (A) 50 (B) 10 (C) 90 (D) 20

16. How many more were sold of the fruit with more: 🍊 or 🍇? Find the difference.



- (A) 20 (B) 110 (C) 10 (D) 60

17. A circle has a radius of 21 cm. Using $\pi \approx 22/7$, what is its area?

- (A) 132 cm² (B) 1386 cm² (C) 1407 cm² (D) 5544 cm²

18. A circle has a radius of 10 cm. Using $\pi \approx 3.14$, what is its area?

- (A) 314.00 cm² (B) 324.00 cm² (C) 62.80 cm² (D) 1256.00 cm²

19. What is the **GCF** of 45 and 54?

- (A) 8 (B) 270 (C) 18 (D) 9

20. A circle has a radius of 21 cm. Using $\pi \approx 22/7$, what is its **circumference**?

- (A) 66 cm (B) 132 cm (C) 134 cm (D) 1386 cm



Answer key · Grade 6 Maths Summative Test · Quarter 4

For teachers and parents



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#	Answer	#	Answer
1	A · 44 cm	11	B · 20
2	A · 7	12	C · 50.24 cm ²
3	C · 20	13	C · 80
4	A · 40	14	A · 37.68 cm
5	B · 8	15	B · 10
6	B · 10	16	C · 10
7	C · 56	17	B · 1386 cm ²
8	D · 44 cm	18	A · 314.00 cm ²
9	A · 70	19	D · 9
10	A · 3	20	B · 132 cm

Table of specifications

Skill	Items	No. of items
Area of a circle	1, 8, 12, 14, 17, 18, 20	7
GCF and LCM	2, 5, 7, 9, 10, 19	6
Reading graphs	3, 4, 6, 11, 13, 15, 16	7

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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