



# Grade 6 Maths Summative Test · Quarter 2

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



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Name: \_\_\_\_\_

Grade & section: \_\_\_\_\_

Score: \_\_\_\_ / 20

1. A bag costs ₱320. It is 30% off. What is the sale price?

- (A) ₱290                      (B) ₱96                      (C) ₱224                      (D) ₱416

2. Write the ratio 27 : 21 in simplest form.

- (A) 9 : 7                      (B) 10 : 8                      (C) 7 : 9                      (D) 18 : 14

3. 6 pencils cost ₱90. At the same price, how much do 8 pencils cost?

- (A) ₱120                      (B) ₱105                      (C) ₱135                      (D) ₱98

4. A bag costs ₱520. It is 20% off. What is the sale price?

- (A) ₱416                      (B) ₱624                      (C) ₱500                      (D) ₱104

5.  $(7 + 4) \times 9 - 9 = ?$

- (A) 108                      (B) 0                      (C) 90                      (D) 34

6.  $(5 + 7) \times 9 - 4 = ?$

- (A) 104                      (B) 112                      (C) 60                      (D) 64

7. A tap fills 36 litres in 6 minutes. How many litres does it fill in 9 minutes?

- (A) 54                      (B) 45                      (C) 324                      (D) 60

8.  $\frac{2}{5}$  is the same as what percent?

- (A) 20%                      (B) 40%                      (C) 60%                      (D) 50%

9. A tap fills 18 litres in 2 minutes. How many litres does it fill in 12 minutes?

- (A) 108                      (B) 216                      (C) 30                      (D) 117

10. A bag costs ₱800. It is 30% off. What is the sale price?

- (A) ₱1,040                      (B) ₱770                      (C) ₱560                      (D) ₱240

11.  $\frac{1}{4}$  is the same as what percent?

- (A) 75%                      (B) 40%                      (C) 25%                      (D) 10%

12. A tap fills 44 litres in 4 minutes. How many litres does it fill in 7 minutes?

- (A) 308                      (B) 88                      (C) 51                      (D) 77

13. Write the ratio **6 : 16** in simplest form.

- (A) 4 : 9                      (B) 3 : 8                      (C) 8 : 3                      (D) 4 : 8

14. A bag costs ₱840. It is **25% off**. What is the sale price?

- (A) ₱815                      (B) ₱1,050                      (C) ₱630                      (D) ₱210

15. Write the ratio **45 : 50** in simplest form.

- (A) 10 : 9                      (B) 10 : 11                      (C) 9 : 10                      (D) 18 : 20

16.  $4 + 6 \times 8 - 6 = ?$

- (A) 74                      (B) 16                      (C) 46                      (D) 58

17. Write the ratio **6 : 21** in simplest form.

- (A) 7 : 2                      (B) 3 : 8                      (C) 4 : 14                      (D) 2 : 7

18.  $3^3 + 9 \times 3 = ?$

- (A) 54                      (B) 36                      (C) 108                      (D) 39

19. What is **75%** of **220**?

- (A) 175                      (B) 55                      (C) 330                      (D) 165

20. What is **25%** of **140**?

- (A) 70                      (B) 35                      (C) 105                      (D) 45



# Answer key · Grade 6 Maths Summative Test · Quarter 2

For teachers and parents



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| #  | Answer    | #  | Answer     |
|----|-----------|----|------------|
| 1  | C · ₦224  | 11 | C · 25%    |
| 2  | A · 9 : 7 | 12 | D · 77     |
| 3  | A · ₦120  | 13 | B · 3 : 8  |
| 4  | A · ₦416  | 14 | C · ₦630   |
| 5  | C · 90    | 15 | C · 9 : 10 |
| 6  | A · 104   | 16 | C · 46     |
| 7  | A · 54    | 17 | D · 2 : 7  |
| 8  | B · 40%   | 18 | A · 54     |
| 9  | A · 108   | 19 | D · 165    |
| 10 | C · ₦560  | 20 | B · 35     |

## Table of specifications

| Skill                | Items         | No. of items |
|----------------------|---------------|--------------|
| Percent in real life | 1, 4, 10, 14  | 4            |
| Ratio                | 2, 13, 15, 17 | 4            |
| Proportion           | 3, 7, 9, 12   | 4            |
| Exponents and GEMDAS | 5, 6, 16, 18  | 4            |
| Percent              | 8, 11, 19, 20 | 4            |

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.