

MATH 6

Summative Test No. 1

Direction: Choose the letter of the correct answer.

1. Which of the following best describes a ratio?

- A. A comparison of two quantities
- B. A number with a denominator of 1
- C. A fraction that shows distance
- D. A statement of speed

2. What is the simplest form of the ratio 12:8?

- A. 12:8
- B. 3:2
- C. 2:3
- D. 4:5

3. If there are 18 mangoes and 12 apples, what is the ratio of apples to mangoes in simplest form?

- A. 12:18
- B. 2:3
- C. 3:2
- D. 6:9

4. Joshua scored 120 points in 6 games. What is his average score per game?

- A. 15
- B. 18
- C. 20
- D. 25

5. Which of the following is an example of a rate?

- A. 40 km per hour
 - B. 3 apples to 3 apples
 - C. 5 boys to 5 girls
 - D. 8 red marbles to 12 blue marbles
6. Sheena ran 200 meters in 50 seconds. What is her speed in meters per second?
- A. 2
 - B. 3
 - C. 4
 - D. 5
7. Which of the following ratios is equivalent to 2:5?
- A. 4:10
 - B. 3:7
 - C. 6:8
 - D. 5:2
8. Which of the following ratios is already in lowest terms?
- A. 6:12
 - B. 8:16
 - C. 9:15
 - D. 5:7
9. In a classroom, there are 20 girls and 25 boys. What is the ratio of girls to total number of students?
- A. 20:45
 - B. 4:9
 - C. 20:25
 - D. 9:4
10. If 5 glasses of juice need 15 pieces of calamansi, how many are needed for 2 glasses?

- A. 3
- B. 5
- C. 6
- D. 9

11. What is the unit rate of 250 pesos for 5 notebooks?

- A. 25 pesos per notebook
- B. 50 pesos per notebook
- C. 75 pesos per notebook
- D. 100 pesos per notebook

12. The ratio of 25 girls to 50 total students in simplest form is?

- A. 1:2
- B. 2:5
- C. 3:4
- D. 5:10

13. The comparison of two numbers using a colon (:) is called?

- A. Rate
- B. Ratio
- C. Fraction
- D. Proportion

14. The average speed if a car travels 180 km in 3 hours is?

- A. 30 km/hr
- B. 45 km/hr
- C. 60 km/hr
- D. 90 km/hr

15. The simplest form of 15:20 is?

- A. 2:3

B. 3:4

C. 4:5

D. 5:6

16. What do we call a ratio that compares quantities with different units?

A. Fraction

B. Rate

C. Proportion

D. Unit ratio

17. Which of the following shows an equivalent ratio to 3:4?

A. 6:8

B. 9:10

C. 12:15

D. 5:9

18. If a jeepney travels 60 km in 2 hours, what is its rate?

A. 20 km/hr

B. 25 km/hr

C. 30 km/hr

D. 35 km/hr

19. What is the lowest term of 45:60?

A. 2:3

B. 3:4

C. 4:5

D. 5:6

20. A bus traveled 240 kilometers in 4 hours. What is its average speed?

A. 40 km/hr

B. 50 km/hr

C. 60 km/hr

D. 70 km/hr

Answer Key

1. A

2. B

3. B

4. C

5. A

6. C

7. A

8. D

9. B

10. C

11. B

12. A

13. B

14. C

15. B

16. B

17. A

18. C

19. B

20. C