

Basic Math Fundamentals

Basic Math · Practice Test · 20 Questions

1. What is the smallest prime number?

- A) 0
- B) 1
- C) 2
- D) 3

2. Which number is neither prime nor composite?

- A) 0
- B) 1
- C) 2
- D) 4

3. What is the result of 7 multiplied by 8?

- A) 49
- B) 54
- C) 56
- D) 63

4. If a rectangle has a length of 10 cm and a width of 5 cm, what is its area?

- A) 15 cm²
- B) 25 cm²
- C) 50 cm²
- D) 100 cm²

5. What is the additive identity element?

- A) 1
- B) -1
- C) 0
- D) 10

6. How many sides does a hexagon have?

- A) 5
- B) 6
- C) 7
- D) 8

7. What is the value of pi (?) rounded to two decimal places?

- A) 3.10
- B) 3.14
- C) 3.16
- D) 22/7

8. Which of the following is an odd number?

- A) 8
- B) 12
- C) 15
- D) 20

9. What is the result of 144 divided by 12?

- A) 10
- B) 11
- C) 12
- D) 13

10. A triangle with all sides of equal length is called what?

- A) Isosceles
- B) Scalene
- C) Equilateral
- D) Right-angled

11. What is the product of 15 and 3?

- A) 18
- B) 35
- C) 45
- D) 50

12. Which number is a multiple of both 3 and 5?

- A) 12
- B) 15
- C) 18
- D) 20

13. What is the sum of the interior angles of a triangle?

- A) 90 degrees
- B) 180 degrees
- C) 270 degrees
- D) 360 degrees

14. What is the reciprocal of $\frac{1}{4}$?

- A) $\frac{1}{4}$
- B) 4
- C) -4
- D) 0

15. How many faces does a cube have?

- A) 4
- B) 6
- C) 8
- D) 12

16. What is 25% of 100?

- A) 10
- B) 20
- C) 25
- D) 50

17. What is the value of the number 'e' (Euler's number) rounded to two decimal places?

- A) 2.57
- B) 2.71
- C) 3.00
- D) 3.14

18. Which mathematical operation is represented by the symbol '/'?

- A) Addition
- B) Subtraction
- C) Multiplication
- D) Division

19. What is the square root of 16?

- A) 2
- B) 3
- C) 4
- D) 8

20. A number that can be divided evenly by another number is called its...?

- A) Multiple
- B) Factor
- C) Prime
- D) Composite