

Basic Math Fundamentals

Basic Math · Answer Key · 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