

Introduction to Early Algebra

Algebra · Practice Test · 15 Questions

1. What is a repeating series of shapes or numbers called?

- A) A pattern
- B) A sum
- C) A difference
- D) A count

2. In math, what symbol is used to show that two sides are equal?

- A) +
- B) -
- C) =
- D) x

3. If $2 + ? = 5$, what number is missing?

- A) 1
- B) 3
- C) 4
- D) 6

4. What do we call a letter or shape used to represent an unknown number?

- A) A variable
- B) A digit
- C) A total
- D) A fraction

5. Which sequence follows the pattern: 2, 4, 6, 8, ...?

- A) 7, 9, 11
- B) 10, 12, 14
- C) 9, 11, 13
- D) 5, 7, 9

6. What is the next number in the pattern: 5, 10, 15, 20, ...?

- A) 21
- B) 22
- C) 25
- D) 30

7. If $1 + 2 = 3$, what is $3 - 1$?

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

8. What symbol represents addition?

- A) =
- B) -
- C) +
- D) /

9. Which side of the equal sign must match the other side in value?

- A) Only the left
- B) Only the right
- C) Both sides
- D) The bottom side

10. If a triangle equals 3, what is triangle + triangle?

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

11. In the pattern 'Red, Blue, Red, Blue', what comes after Blue?

- A) Green
- B) Yellow
- C) Red
- D) Blue

12. If you have 4 apples and take away 2, how many are left?

- A) 1
- B) 2
- C) 3
- D) 6

13. What is the relationship between $2 + 3$ and $3 + 2$?

- A) They are equal
- B) One is bigger
- C) They are different
- D) One is zero

14. Which of these is a number pattern?

- A) Dog, Cat, Dog, Cat
- B) A, B, C, D
- C) 1, 2, 3, 4
- D) Red, Green, Blue, Red

15. If $10 = 5 + x$, what is the value of x ?

- A) 2
- B) 5
- C) 15
- D) 50