

Introduction to Early Algebra

Algebra · Answer Key · 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