



## INTEGER-ADDITION PROPERTIES

Question 1:

Which property states that the sum of two integers is the same regardless of how they are grouped?

- A) Commutative Property
- B) Associative Property
- C) Identity Property
- D) Distributive Property

Question 2:

What is the sum of any integer and zero?

- A) Zero
- B) The integer itself
- C) One
- D) The opposite of the integer

Question 3:

Which property allows us to rearrange the numbers being added without changing the sum?

- A) Associative Property
- B) Commutative Property
- C) Identity Property
- D) Inverse Property

Question 4:

If  $a = -4$  and  $b = 5$ , what is the value of  $a + b$ ?

A) -1

B) 1

C) 9

D) -9

Question 5:

What is the result of  $-7 + 3 + 4$ ?

A) 0

B) 1

C) -1

D) -10

Question 6:

What is the additive inverse of  $(6)$ ?

A) 6

B) -6

C) 0

D) 1

Question 7:

Which of the following statements is true about the addition of integers?

- A) The sum of two positive integers is always positive.
- B) The sum of two negative integers is always positive.
- C) The sum of a positive and a negative integer is always negative.
- D) The sum of two integers is always zero.

Question 8:

Using the property of addition, what is  $8 + 0 + (-8)$  ?

- A) 8
- B) 0
- C) -8
- D) 16

Question 9:

Which property of addition tells us that  $(a + b = b + a)$ ?

- A) Identity Property
- B) Associative Property
- C) Commutative Property
- D) Inverse Property

Question 10:

If  $x = -3$  and  $y = -2$ , what is the value of  $x + y$  ?

A) 1

B) -1

C) -5

D) 5