



Introduction to Integers

1. What is the result of subtracting 10 from -3?
 - a) 7
 - b) -13
 - c) 13
 - d) -7
2. Which integer is 2 steps to the right of -6 on the number line?
 - a) -8
 - b) -4
 - c) 6
 - d) 0
3. What is the sum of -9 and -6?
 - a) -3
 - b) 3
 - c) -15
 - d) 15
4. Which of the following statements is correct?
 - a) -1 is greater than 1
 - b) 0 is less than any positive number
 - c) -7 is greater than 3
 - d) -5 is equal to 5
5. Which number has the greatest absolute value?
 - a) -12
 - b) 8
 - c) 3
 - d) -9

6. What is the result of multiplying -3 by 4 ?
- a) -12
 - b) 12
 - c) -1
 - d) 1
7. If the temperature rises from -6°C to 3°C , what is the change in temperature?
- a) 9°C
 - b) -9°C
 - c) 6°C
 - d) 3°C
8. Which of the following is true about the number -5 ?
- a) It is greater than -3
 - b) It is a positive number
 - c) It is less than 0
 - d) Its absolute value is -5
9. What is the result of dividing -16 by -4 ?
- a) -4
 - b) 4
 - c) 0
 - d) -12
10. What is the opposite of 12 ?
- a) 0
 - b) -12
 - c) 1
 - d) 10

11. Which integer represents a profit of \$7?
- a) -7
 - b) 0
 - c) 7
 - d) -10
12. If $-2 + X = 5$, what is the value of X?
- a) -3
 - b) 7
 - c) -7
 - d) 3
13. Which integer is 4 less than 3?
- a) 1
 - b) -1
 - c) -7
 - d) 7
14. If a submarine dives 50 meters below sea level and then rises 20 meters, how deep is it now?
- a) 70 meters below sea level
 - b) 30 meters below sea level
 - c) 30 meters above sea level
 - d) 70 meters above sea level
15. Which of the following shows integers from least to greatest?
- a) 5, -3, 0, -8
 - b) -10, -1, 4, 8
 - c) 3, 0, -6, 2
 - d) -7, 3, 1, -4

16. What is the result of multiplying -7 and -3?

- a) -21
- b) 21
- c) 10
- d) -10

17. If the temperature at noon is 4°C and it decreases by 6°C in the evening, what is the evening temperature?

- a) 2°C
- b) -2°C
- c) 10°C
- d) -10°C

18. The sum of -5 and a number is -9. What is the number?

- a) -4
- b) 4
- c) -14
- d) 14

19. Which of the following statements is false?

- a) The absolute value of -8 is 8
- b) 0 is an integer
- c) -12 is greater than -8
- d) The opposite of -10 is 10

20. Which of the following is true?

- a) $-4 + 2 = -6$
- b) $-3 \times -3 = 9$
- c) $6 - (-2) = 4$
- d) $-5 + (-5) = 10$