

Subject: Mathematics

Class: 6

Topic: Positive and Negative Numbers (Integers)

Levels: Basic, Intermediate, Advanced

Level: Basic

1. Write the integer for: 5 degrees above zero (? 5).
2. Rahul deposited ? 500 in his bank. Represent this as an integer: _____
3. What is the opposite of -10? _____
4. Mark the successor of -4 on a number line: _____
5. Which is greater: -2 or 0? _____
6. Represent a loss of ? 200 using a negative sign: _____
7. Write all integers between -2 and 2: _____
8. An airplane is flying at 2000m above sea level (? 2000). Write the integer: _____
9. Is -15 a positive or negative number? _____
10. Fill in the blank: -5 _____ -8 (Use > or <).

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Level: Intermediate

1. Find the value of: $10 + (-4) =$ _____
2. A diver is 15m below the surface of the Ganga river. Represent this as an integer: _____
3. Calculate the sum: $(-7) + (-3) =$ _____
4. Subtract 5 from -2: _____
5. Arrange in ascending order: -5, 2, 0, -10, 3.
6. If '?' represents +1, what is the value of ? ? ? + (-2)? _____
7. Anil moved 5 steps North (+5) and then 8 steps South. Where is he now? _____
8. What is the absolute value of $|-25|$? _____
9. True or False: Every negative integer is smaller than 0. _____
10. Solve using a number line: $3 - 7 =$ _____

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1. Find the sum of the largest 2-digit negative integer and the smallest 1-digit positive integer.
2. Solve: $(-15) + (+20) + (-5) =$ _____
3. At Siachen Glacier, the temperature was -10°C . It dropped by 4°C . What is the new temperature?

4. The sum of two integers is -30. If one is 15, find the other: _____
5. Calculate: $(-100) - (-120) =$ _____
6. If $? = -10$ and $? = 5$, find the value of $? + ?$: _____
7. A shopkeeper has a profit of ? 50 on Monday and a loss of ? 80 on Tuesday. Net result: _____
8. Find the additive inverse of $[(-2) + 5]$: _____
9. Compare: $(-3) + (-6)$ _____ $(-3) - (-6)$.
10. Challenge: Write the integer which is 4 less than its own opposite: _____