Codingal
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Applied Problems on Integers

1. **Sarah owes her friend $8 and then borrows another $5. How much does she owe in total?**

2. **A submarine was at a depth of -250 meters. It rises 75 meters. What is its new depth?**

3. **A temperature dropped from 10°C to -5°C. What is the total change in temperature?**

4. **If you start with $20, spend $15, and then earn $10, how much money do you have now?**

5. **John had -12 points in a game. He then earned 25 points. What is his current score?**

6. **A hiker descends 150 meters down a hill and then climbs up 90 meters. What is the hiker's final elevation relative to the starting point?**

7. **The temperature was -3°C in the morning and rose by 7°C in the afternoon. What was the afternoon temperature?**

8. **A bank account has a balance of -$50. If $30 is deposited, what is the new balance?**

9. **A diver is 20 feet below sea level. If he dives 15 feet deeper and then rises 10 feet, what is his final position relative to sea level?**

10. **The stock market index started at 0, dropped by 35 points, and then increased by 50 points. What is the final index value?**

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