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The difference of two numbers is 2. Their sum is 12. Find the numbers.

Susan spent $50 on hats. Fancy hats cost $10 and plain hats cost $8. If she bought a total of 6 then how many of each kind did she buy?

The sum of the digits of a certain two-digit number is 6. Reversing its digits decreases the number by 18. What is the number?

136 students went on a school trip. They took 7 vehicles. Find the number of cars and the number of buses they took if each car holds 4 students and each bus hold 40 students.

Find the value of two numbers if their sum is 14 and their difference is 4.

A boat traveled 168 miles downstream. The trip downstream took 12 hours. The trip upstream took 28 hours. What is the speed of the current?

The school is selling tickets to a concert. In one transaction, they sold 3 adult tickets and 7 student tickets for a total of $33. In another sale, the school took in $36 by selling 6 adult tickets and 4 student tickets. What is the price each adult ticket?