

Van Buren

1. Lupe's mother paid \$7.40 to buy juice for the 14 members of Lupe's softball team. If a bottle of orange juice costs 55¢ and a bottle of apple juice costs 45¢, how many of each type did she buy?
2. A postal clerk sold some fifteen-cent stamps and some twenty-five cent stamps. Altogether, 10 stamps were sold for a total cost of \$1.70. How many of each type of stamp were sold?
3. In five years, Dominique will be three times as old as her sister Yvonne will be. If Yvonne is now m years old, how old will Dominique be in five years? Give your answer in terms of m .
4. The perimeter of an isosceles triangle is 36 cm, and the area is 60 cm^2 . The length of the base is 3 cm less than the length of a leg. Find the length of each side.
5. The measures of the angles of a quadrilateral are consecutive odd integers. Find the measure of each angle. (*Hint: The sum of the measures of the angles of a quadrilateral is 360° .*)
6. Find all two-digit numbers such that the sum of the digits is 4.
7. The sum of 75 and twice a number is 219. Find the number.
8. Six times a number increased by 17 is -121 . Find the number.
9. Find three consecutive integers whose sum is 249.
10. Find four consecutive even integers whose sum is 44.
11. Find three consecutive integers whose sum is 138.
12. Find three consecutive even integers whose sum is 150.
13. Stan has 52 quarters and nickels. He has three times as many nickels as quarters. How much money does he have?
14. A child's bank contains \$1.15 in dimes and quarters. Find all possibilities for the number of each type of coin in the bank.