



Problem of the Week

Problem C

This Problem has Value

A nickel is worth 5 cents (5¢), a dime is worth 10 cents (10¢), a quarter is worth 25 cents (25¢), and a dollar is worth 100 cents (100¢).

A piggy bank contains some quarters, dimes and nickels. There are no other coins in the piggy bank. The ratio of the number of quarters to the number of dimes to the number of nickels in the piggy bank is 9 : 3 : 1. The total value of all of the coins in the piggy bank is \$18.20.

Determine the number of coins in the piggy bank.

