

Show a complete solution for each problem.

1. Mr. Chen put \$4.75 in quarters in a pay telephone. How many quarters was this?

$$q = \text{number of quarters} \quad 0.25q = 4.75$$
$$q = 19$$

2. Mr. Lawson put \$7.25 in quarters in a bridge toll box during the period of one month. How many quarters was this?
3. Yolanda had three times as many nickels as dimes. If the total value of her coins was \$1, how many of each kind of coin did she have?
4. Eugenia had five times as many quarters as dimes. If the total value of her coins was \$16.20, how many of each kind of coin did she have?
5. A cash box contained \$14.55 in quarters, dimes, and nickels. If there were three more than twice as many dimes as nickels and three less than three times as many quarters as nickels, how many of each kind of coin was there?
6. Ginny's piggybank contained \$8.80 in quarters, dimes, and nickels. There were two more than five times as many nickels as quarters and 4 less than twice as many dimes as quarters. How many of each kind of coin was there in the bank?
7. Lupe, who works at a fast food restaurant received \$6.10 in tips one afternoon, all in quarters, dimes, and nickels. There were five less dimes than quarters and seven less nickels than dimes. How many of each kind of coin was there?
8. A valuable collection of coins contained old nickels, dimes, quarters, and pennies. The face value of the pennies was \$6. There were five times as many quarters as dimes and fifteen less than twice as many nickels as quarters. If the face value of the entire collection was \$40.40, how many of each kind of coin was there?

Show a complete solution for each problem.

1. Mr. Wills put \$5.50 in quarters in a pay telephone. How many quarters was this?

$$q = \text{number of quarters} \quad 0.25q = 5.50$$

$$q = 22$$

2. Mr. Anderson put \$9.25 in quarters in a bridge toll box during the period of one month. How many quarters was this?
3. Josiah had three less than twice as many nickels as dimes. If the total value of his coins was \$1.45, how many of each kind of coin did he have?
4. Mary Ann had 7 more than twice as many quarters as dimes. If the total value of her coins was \$10.15, how many of each kind of coin did she have?
5. A cash box contained \$12.25 in quarters, dimes, and nickels. If there were five more than twice as many dimes as nickels and one less than three times as many quarters as nickels, how many of each kind of coin was there?
6. Vera's piggybank contained \$9.35 in quarters, dimes, and nickels. There were six more than two times as many nickels as quarters and four less dimes than quarters. How many of each kind of coin was there in the bank?
7. Rosa, who works at a fast food restaurant, received \$9.05 in tips one afternoon, all in quarters, dimes, and nickels. There were ten less dimes than quarters and five less nickels than dimes. How many of each kind of coin was there?
8. A valuable collection of coins contained old nickels, dimes, quarters, and pennies. The face value of the pennies was \$8. There were seven more than three times as many quarters as dimes and sixteen less than twice as many nickels as quarters. If the face value of the entire collection was \$38.40, how many of each kind of coin was there?