Crack the Coin Riddle:

1) I have 14 coins that are either dimes or pennies. The total value of these coins is $1.04. How many of each coin do I have?

2) I have 6 coins that are either dimes or nickels. The total value of these coins is $0.50. How many of each coin do I have?

3) I have 20 coins that are either quarters or pennies. The total value of these coins is $1.16. How many of each coin do I have?

4) I have 30 coins that are either dimes or nickels. The total value of these coins is $2.25. How many of each coin do I have?

5) I have 8 coins that are either quarters or dimes. The total value of these coins is $1.25. How many of each coin do I have?

6) I have 14 coins that are either quarters or nickels. The total value of these coins is $1.50. How many of each coin do I have?

7) I have 18 coins that are either dimes or pennies. The total value of these coins is $0.36. How many of each coin do I have?

8) I have 24 coins that are either quarters or pennies. The total value of these coins is $0.72. How many of each coin do I have?

Answers:

1. I have 14 coins that are either dimes or pennies. The total value of these coins is $1.04. How many of each coin do I have?
Answer: 10 dimes and 4 pennies.

2. I have 6 coins that are either dimes or nickels. The total value of these coins is $0.50. How many of each coin do I have?
Answer: 4 dimes and 2 nickels.

3. I have 20 coins that are either quarters or pennies. The total value of these coins is $1.16. How many of each coin do I have?
Answer: 16 pennies and 4 quarters.

4. I have 30 coins that are either dimes or nickels. The total value of these coins is $2.25. How many of each coin do I have?
Answer: 15 dimes and 15 nickels.

5. I have 8 coins that are either quarters or dimes. The total value of these coins is $1.25. How many of each coin do I have?
Answer: 3 quarters and 5 dimes.

6. I have 14 coins that are either quarters or nickels. The total value of these coins is $1.50. How many of each coin do I have?
Answer: 10 nickels and 4 quarters.

7. I have 18 coins that are either dimes or pennies. The total value of these coins is $0.36. How many of each coin do I have?
Answer: 2 dimes and 16 pennies.

8. I have 24 coins that are either quarters or pennies. The total value of these coins is $0.72. How many of each coin do I have?
Answer: 2 quarters and 22 pennies.