Relate Fractions, Decimals, and Money

Write the total money amount. Then write the amount as a fraction and as a decimal in terms of a dollar.

Step 1 Count the value of coins from greatest to least.
Write the total money amount.

$0.25 ⟶ $0.35 ⟶ $0.40 ⟶ $0.45 ⟶ $0.50

Step 2 Write the total money amount as a fraction of a dollar.

The total money amount is **$0.50**, which is the same as **50** cents.

Think: There are **100** cents in a dollar.

So, the total amount written as a fraction of a dollar is:
$$\frac{50 \text{ cents}}{100 \text{ cents}} = \frac{50}{100}$$

Step 3 Write the total money amount as a decimal.

Think: I can write $0.50 as **0.50**.

The total money amount is $\frac{50}{100}$ written as a fraction of a dollar, and **0.50** written as a decimal.

Write the total money amount. Then write the amount as a fraction or a mixed number and as a decimal in terms of a dollar.

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