# Add Fractional Parts of 10 and 100

1 (MP) **Attend to Precision** Charles runs $\frac{25}{100}$ kilometer. Then he walks $\frac{6}{10}$ kilometer. How far does Charles go? Model the problem with an equation. Then find the solution to the problem.

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2 Erika grows two pumpkins. What is the total mass of the pumpkins, *p*? Model the problem with an equation. Then find the solution to the problem.

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$\frac{3}{10}$ kg

$\frac{44}{100}$ kg
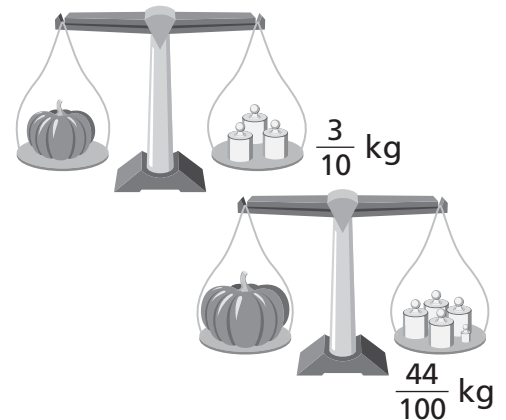
3 (MP) **Reason** Aaron wrote the following equation. Explain what Aaron did wrong.

$\frac{4}{10} + \frac{28}{100} = \frac{32}{100}$ _____

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Find the sum.

4 $\frac{1}{100} + \frac{1}{10} =$ _____

5 $\frac{7}{10} + \frac{17}{100} =$ _____

6 **Math on the Spot** Dean selects Teakwood stones and Buckskin stones to pave a path in front of his house. How many meters long will each set of one Teakwood stone and one Buckskin stone be?

Paving Stone Center	
Style	**Length (in meters)**
Rustic	$\frac{15}{100}$
Teakwood	$\frac{3}{10}$
Buckskin	$\frac{41}{100}$
Rainbow	$\frac{6}{10}$
Rose	$\frac{8}{100}$

Test Prep

7 A dog drinks $\frac{5}{10}$ liter of water in the morning. She drinks $\frac{45}{100}$ liter of water in the afternoon. Which is the amount of water the dog drinks during the morning and the afternoon?

(A) $\frac{50}{100}$ liter   (C) $\frac{95}{100}$ liter

(B) $\frac{50}{110}$ liter   (D) $\frac{95}{110}$ liter

8 Selena tapes two ribbons together. One ribbon is $\frac{6}{10}$ meter long. The other ribbon is $\frac{27}{100}$ meter long. How long is the ribbon now? Model the problem with an equation. Use r to represent the final length of the ribbon. Then find the solution to the problem.

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9 Henry mixes $\frac{8}{10}$ kilogram of walnuts and $\frac{15}{100}$ kilogram of almonds in a bag. Which is the mass of the nuts?

(A) $\frac{7}{100}$ kilogram   (C) $\frac{65}{100}$ kilograms

(B) $\frac{23}{100}$ kilogram   (D) $\frac{95}{100}$ kilogram

10 Find the sum. $\frac{3}{10} + \frac{36}{100}$

(A) $\frac{9}{10}$ (C) $\frac{39}{100}$

(B) $\frac{66}{100}$ (D) $\frac{33}{100}$

Spiral Review

11 Write the fraction as a sum of unit fractions.

$\frac{5}{12} =$ _____

12 Write eight hundredths as a fraction and as a decimal.

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