




Name _____

Problem Solving • Money

Use the strategy *act it out* to solve the problem.

Jessica, Brian, and Grace earned \$7.50. They want to share the money equally. How much will each person get?

Read the Problem	Solve the Problem
<p>What do I need to find?</p> <p>I need to find the <u>amount of money each person should get</u>.</p>	<ul style="list-style-type: none"> Show the total amount, <u>\$7.50</u>, using <u>7</u> one-dollar bills and <u>2</u> quarters. 
<p>What information do I need to use?</p> <p>I need to use the total amount, <u>\$7.50</u>, and divide it by <u>3</u>, the number of people sharing the money equally.</p>	<ul style="list-style-type: none"> Share the one-dollar bills equally.  <p>There is <u>1</u> one-dollar bill left.</p>
<p>How will I use the information?</p> <p>I will use <u>dollar bills and coins</u> to model the total amount and <u>act out the problem</u>.</p>	<ul style="list-style-type: none"> Change the dollar bill that is left for <u>4</u> quarters. Now there are <u>6</u> quarters. Share the quarters equally.  <p>So, each person gets <u>2</u> one-dollar bills and <u>2</u> quarters, or <u>\$2.50</u>.</p>

1. Jacob, Dan, and Nathan were given \$6.90 to share equally. How much money will each boy get?

2. Becky, Marlis, and Hallie each earned \$2.15 raking leaves. How much did they earn together?

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Add Fractional Parts of 10 and 100

Sam uses 100 glass beads for a project. Of the beads, $\frac{35}{100}$ are gold and $\frac{4}{10}$ are silver. What fraction of the glass beads are gold or silver?

Add $\frac{35}{100}$ and $\frac{4}{10}$.

Step 1 Decide on a common denominator. Use 100.

Step 2 Write $\frac{4}{10}$ as an equivalent fraction with a denominator of 100.

$$\frac{4}{10} = \frac{4 \times 10}{10 \times 10} = \frac{40}{100}$$

Step 3 Add $\frac{35}{100}$ and $\frac{40}{100}$.

$$\frac{35}{100} + \frac{40}{100} = \frac{75}{100}$$

← Add the numerators.

← Use 100 as the denominator.

So, $\frac{75}{100}$ of the glass beads are gold or silver.

Add \$0.26 and \$0.59.

Step 1 Write each amount as a fraction of a dollar.

$$\$0.26 = \frac{26}{100} \text{ of a dollar}$$

$$\$0.59 = \frac{59}{100} \text{ of a dollar}$$

Step 2 Add $\frac{26}{100}$ and $\frac{59}{100}$.

$$\frac{26}{100} + \frac{59}{100} = \frac{85}{100}$$

← Add the numerators.

← 100 is the common denominator.

Step 3 Write the sum as a decimal.

$$\frac{85}{100} = 0.85$$

So, $\$0.26 + \$0.59 = \underline{\$0.85}$.

Find the sum.

1. $\frac{75}{100} + \frac{2}{10} = \underline{\hspace{2cm}}$

2. $\$0.73 + \$0.25 = \$ \underline{\hspace{2cm}}$

$$\frac{73}{100} + \frac{25}{100} = \frac{\boxed{\hspace{1cm}}}{\boxed{\hspace{1cm}}}$$

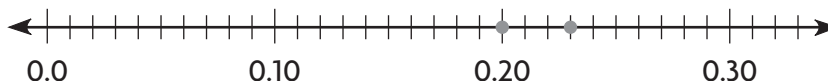
Name _____

Compare Decimals

Alfie found 0.2 of a dollar and Gemma found 0.23 of a dollar.
Which friend found more money?

To compare decimals, you can use a number line.

Step 1 Locate each decimal on a number line.



Step 2 The number farther to the right is greater.

$0.23 > 0.2$, so Gemma found more money.

To compare decimals, you can compare equal-size parts.

Step 1 Write 0.2 as a decimal in hundredths.

0.2 is 2 tenths, which is equivalent to 20 hundredths.

$$0.2 = \underline{0.20}$$

Step 2 Compare.

23 hundredths is greater than 20 hundredths,
so $0.23 > 0.2$.

So, Gemma found more money.

Compare. Write $<$, $>$, or $=$.

1. $0.17 \bigcirc 0.13$

2. $0.8 \bigcirc 0.08$

3. $0.36 \bigcirc 0.63$

4. $0.4 \bigcirc 0.40$

5. $0.75 \bigcirc 0.69$

6. $0.3 \bigcirc 0.7$

7. $0.45 \bigcirc 0.37$

8. $0.96 \bigcirc 0.78$