

Money and Change

<p>Multiplying with money amounts happen the same way as multiplying whole numbers.</p> <p>Just add a decimal point and a dollar sign (\$) in the answer. Estimate your answer first.</p>	<p>Estimation:</p> $8 \times \$3.59$ $\approx 8 \times \$4 = \32	$\begin{array}{r} 47 \\ \$3.59 \\ \times \quad 8 \\ \hline \$28.72 \end{array}$
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1. Multiply with money amounts. Estimate first.

<p>a. Estimation:</p> $4 \times \underline{\quad} \approx \underline{\quad}$	<p>b. Estimation:</p> $\underline{\quad} \times \underline{\quad} \approx \underline{\quad}$	<p>c. Estimation:</p> $\underline{\quad} \times \underline{\quad} \approx \underline{\quad}$	<p>d. Estimation:</p> $\underline{\quad} \times \underline{\quad} \approx \underline{\quad}$
$\begin{array}{r} \$4.55 \\ \times \quad 4 \\ \hline \end{array}$	$\begin{array}{r} \$9.70 \\ \times \quad 4 \\ \hline \end{array}$	$\begin{array}{r} \$3.91 \\ \times \quad 7 \\ \hline \end{array}$	$\begin{array}{r} \$0.82 \\ \times \quad 6 \\ \hline \end{array}$

2. Study the charts. Solve. Write a number sentence under the chart in c.

<p>a. Jill bought three baskets for \$7.20 each. She paid with \$50. What was her change?</p>	<div style="text-align: center;"> $\overbrace{\hspace{10em}}^{\text{total } \\$50}$ <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px;">basket</td> <td style="padding: 2px;">basket</td> <td style="padding: 2px;">basket</td> <td style="padding: 2px;">change</td> </tr> </table> <p>$3 \times \\$7.20 + \text{change} = \\50</p> </div>	basket	basket	basket	change		
basket	basket	basket	change				
<p>b. James bought four wheels for \$29 each, and afterwards he had \$51 left. How much did he have originally?</p>	<div style="text-align: center;"> $\overbrace{\hspace{10em}}^{\text{originally}}$ <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px;">wheel</td> <td style="padding: 2px;">wheel</td> <td style="padding: 2px;">wheel</td> <td style="padding: 2px;">wheel</td> <td style="padding: 2px;">\$51 left</td> </tr> </table> <p>$4 \times \\$\underline{\quad} + \\$\underline{\quad} = \text{original amount}$</p> </div>	wheel	wheel	wheel	wheel	\$51 left	
wheel	wheel	wheel	wheel	\$51 left			
<p>c. Jack had \$30, and then he bought five screwdrivers for \$3.08 apiece. How much did he have left?</p>	<div style="text-align: center;"> $\overbrace{\hspace{10em}}^{\text{originally}}$ <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px;">scrdr</td> <td style="padding: 2px;">scrdr</td> <td style="padding: 2px;">scrdr</td> <td style="padding: 2px;">scrdr</td> <td style="padding: 2px;">scrdr</td> <td style="padding: 2px;">left</td> </tr> </table> </div>	scrdr	scrdr	scrdr	scrdr	scrdr	left
scrdr	scrdr	scrdr	scrdr	scrdr	left		