Real-life problems

Carlos earns $3.50 a day on his paper route. How much does he earn per week?

$24.50

$$\begin{array}{r} \overset{3}{} \\ \$3.50 \\ \times 7 \\ \hline \$24.50 \end{array}$$

When Chanté subtracts the width of her closet from the length of her bedroom wall she finds she has 3.65 m of wall space left. If the closet is 0.87 m wide, what is the length of her bedroom wall?

4.52 m

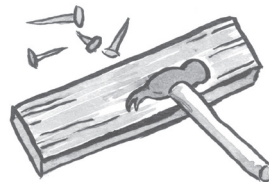$$\begin{array}{r} \overset{1}{}\overset{1}{} \\ 3.65 \\ + 0.87 \\ \hline 4.52 \end{array}$$

Sophie buys her mother a bunch of flowers for $12.95 and her brothers some candy for $2.76. If she has $7.83 left, how much did she start with?

If Pedro were 7.5 cm taller, he would be twice as tall as Ian. Ian is 74.25 cm tall, so how tall is Pedro?
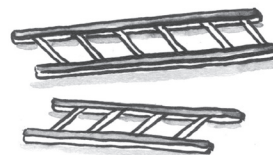
Sasha is making some shelves which are 75.5 cm long. If the wood she is using is 180 cm long, how many pieces will she need to make six shelves?

A café uses 27.5 quarts of milk a day. If they have a weekly delivery of 180 quarts, how much will they have left after six days?

Charles has 12.5 m of railway track. Gavin has 8.6 m and Kristy has 4.8 m. If they put their track together how long will their layout be?

Real-life problems

Carlos earns $3.50 a day on his paper route. How much does he earn per week?

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$$\begin{array}{r} {\scriptstyle 3}\\ \$3.50 \\ \times \quad 7 \\ \hline \$24.50 \end{array}$$
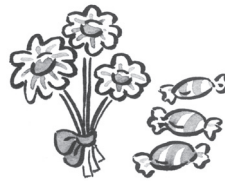
When Chanté subtracts the width of her closet from the length of her bedroom wall she finds she has 3.65 m of wall space left. If the closet is 0.87 m wide, what is the length of her bedroom wall?

4.52 m

$$\begin{array}{r} {\scriptstyle 1\ 1}\\ 3.65 \\ + \ 0.87 \\ \hline 4.52 \end{array}$$

Sophie buys her mother a bunch of flowers for $12.95 and her brothers some candy for $2.76. If she has $7.83 left, how much did she start with?

$23.54

$$\begin{array}{r} {\scriptstyle 1\ 1}\\ 12.95 \\ + \ 2.76 \\ \hline 15.71 \end{array} \qquad \begin{array}{r} {\scriptstyle 1\ 1}\\ 15.71 \\ + \ 7.83 \\ \hline 23.54 \end{array}$$
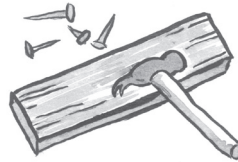
If Pedro were 7.5 cm taller, he would be twice as tall as Ian. Ian is 74.25 cm tall, so how tall is Pedro?

141 cm (1.41 m)

$$\begin{array}{r} {\scriptstyle 1}\\ 74.25 \\ \times \quad 2 \\ \hline 148.50 \end{array} \qquad \begin{array}{r} 148.5 \\ - \ 7.5 \\ \hline 141.0 \end{array}$$

Sasha is making some shelves which are 75.5 cm long. If the wood she is using is 180 cm long, how many pieces will she need to make six shelves?

3 pieces

75.5 x 2 = 151
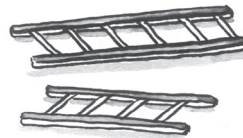Sasha can make 2 shelves per piece of wood with some wastage.
6 ÷ 2 = 3

A café uses 27.5 quarts of milk a day. If they have a weekly delivery of 180 quarts, how much will they have left after six days?

15 quarts

$$\begin{array}{r} {\scriptstyle 4\ 3}\\ 27.5 \\ \times \quad 6 \\ \hline 165.0 \end{array} \qquad \begin{array}{r} {\scriptstyle 7\ 10}\\ 1\cancel{8}\cancel{0} \\ - \ 165 \\ \hline 15 \end{array}$$

Charles has 12.5 m of railway track. Gavin has 8.6 m and Kristy has 4.8 m. If they put their track together how long will their layout be?

25.9 m

$$\begin{array}{r} {\scriptstyle 1\ 1}\\ 12.5 \\ 8.6 \\ + \ 4.8 \\ \hline 25.9 \end{array}$$

This page provides an opportunity to apply math skills to real-life problems. Children will need to choose the operation carefully. Some questions require more than one operation.