



Real-life problems

A man walks 18.34 km on Saturday and 16.57 km on Sunday. How far did he walk that weekend?

34.91 km

How much farther did he walk on Saturday?

1.77 km

$$\begin{array}{r}
 18.34 \\
 + 16.57 \\
 \hline
 34.91 \\
 \hline
 18.34 \\
 - 16.57 \\
 \hline
 1.77
 \end{array}$$



A rectangular field measures 103.7 m by 96.5 m. What is the perimeter of the field?

When Joe and Kerry stand on a scale it reads $236\frac{1}{2}$ lb.

When Joe steps off, it reads $68\frac{1}{4}$ lb.

How much does Joe weigh?

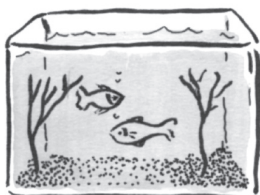
A rectangular room has an area of 32.58 m^2 . When a carpet is put down there is still 7.99 m^2 of floor showing. What is the area of the carpet?





A brother's and sister's combined height is $108\frac{3}{4}$ in. If the sister is $51\frac{1}{2}$ in. tall, how tall is the brother?

A state has 4 highways: Rte 1, which is 1,246 mi long; Rte 2 which is 339 mi long; Rte 3 which is 1,573 mi long; and Rte 4 which is 48 mi long. How much highway does the state have in total?



Jenny's aquarium holds $25\frac{1}{2}$ quarts of water. She buys a new one that holds 32 quarts. How much extra water do her fish have?



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A man walks 18.34 km on Saturday and 16.57 km on Sunday.
How far did he walk that weekend?

34.91 km

How much farther did he walk on Saturday?

1.77 km

$$\begin{array}{r} 18.34 \\ + 16.57 \\ \hline 34.91 \\ \hline 18.34 \\ - 16.57 \\ \hline 1.77 \end{array}$$



A rectangular field measures 103.7 m by 96.5 m. What is the perimeter of the field?

400.4 m

$$\begin{array}{r} 103.7 \\ \times 2 \\ \hline 207.4 \end{array} \quad \begin{array}{r} 96.5 \\ \times 2 \\ \hline 193.0 \end{array}$$

$$\begin{array}{r} 207.4 \\ + 193.0 \\ \hline 400.4 \end{array}$$

When Joe and Kerry stand on a scale it reads $236\frac{1}{2}$ lb.
When Joe steps off, it reads $68\frac{1}{4}$ lb.
How much does Joe weigh?

$168\frac{1}{4}$ lb

$$236\frac{1}{2} = 236\frac{2}{4}$$

$$\begin{array}{r} 112162 \\ 236\frac{2}{4} \\ - 68\frac{1}{4} \\ \hline 168\frac{1}{4} \end{array}$$

A rectangular room has an area of 32.58 m^2 .
When a carpet is put down there is still 7.99 m^2 of floor showing. What is the area of the carpet?

24.59 m^2



$$\begin{array}{r} 2111418 \\ 32.58 \\ - 7.99 \\ \hline 24.59 \end{array}$$



A brother's and sister's combined height is $108\frac{3}{4}$ in. If the sister is $51\frac{1}{2}$ in. tall, how tall is the brother?

$57\frac{1}{4}$ in.

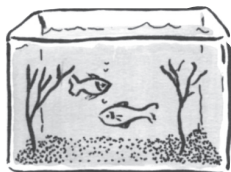
$$51\frac{1}{2} = 51\frac{2}{4}$$

$$\begin{array}{r} 108\frac{3}{4} \\ - 51\frac{2}{4} \\ \hline 57\frac{1}{4} \end{array}$$

A state has 4 highways: Rte 1, which is 1,246 mi long;
Rte 2 which is 339 mi long; Rte 3 which is 1,573 mi long; and
Rte 4 which is 48 mi long. How much highway does the state have in total?

3,206 mi

$$\begin{array}{r} 122 \\ 1,246 \\ 339 \\ 1,573 \\ + 48 \\ \hline 3,206 \end{array}$$



Jenny's aquarium holds $25\frac{1}{2}$ quarts of water. She buys a new one that holds 32 quarts. How much extra water do her fish have?

$6\frac{1}{2}$ quarts

$$32 = 31\frac{2}{2}$$

$$\begin{array}{r} 31\frac{2}{2} \\ - 25\frac{1}{2} \\ \hline 6\frac{1}{2} \end{array}$$

This page once again tests the skills of children in real-life problems. In the first question, make sure that they are finding the perimeter and not the area.