

# Real-life problems



Find the answer to each problem.

Jaime runs round a field 8 times.  
If he runs a total of 944 yards,  
what is the perimeter of the field?

118 yd

$$\begin{array}{r} 118 \\ 8 \overline{)944} \\ \underline{8} \phantom{00} \\ 14 \phantom{0} \\ \underline{8} \phantom{00} \\ 64 \phantom{0} \\ \underline{64} \\ 0 \end{array}$$

Mr. and Mrs. Green's living room is 5.75 m long and their dining room is 4.37 m long.  
If they knock out the wall between them to make one room, how long will it be?

10.12 m

$$\begin{array}{r} 11 \\ 5.75 \\ + 4.37 \\ \hline 10.12 \end{array}$$

A family's car trip took 5 hours. If they travelled 50 miles each hour, how far did they travel?



Two men weigh  $218\frac{1}{2}$  lb and 173 lb.  
What is the difference between their weights?

An electrician uses 480 yd of electrician wire in 6 apartments. If he uses the same amount in each, how much does he use per house?

A jar of coffee weighs 36 oz.  
How much will 7 jars weigh?



A box of pencils is 2 in. wide. How many can be stored on a shelf 1 yd long?



Maria spends 32 hours working on a school project. If she spreads the work evenly over 8 days, how many hours does she work each day?

Sean runs 143.26 m in 40 seconds. Malik runs 97.92 m in the same time. How much farther does Sean run than Malik?



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Mr. and Mrs. Green's living room is 5.75 m long and their dining room is 4.37 m long.  
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10.12 m

$$\begin{array}{r} 11 \\ 5.75 \\ + 4.37 \\ \hline 10.12 \end{array}$$

A family's car trip took 5 hours. If they travelled 50 miles each hour, how far did they travel?

250 mi



$$\begin{array}{r} 50 \\ \times 5 \\ \hline 250 \end{array}$$

Two men weigh  $218\frac{1}{2}$  lb and 173 lb.  
What is the difference between their weights?

$45\frac{1}{2}$  lb

$$\begin{array}{r} 218\frac{1}{2} \\ - 173 \\ \hline 45\frac{1}{2} \end{array}$$

An electrician uses 480 yd of electrician wire in 6 apartments. If he uses the same amount in each, how much does he use per house?

80 yd

$$\begin{array}{r} 80 \\ 6 \overline{)480} \\ \underline{48} \phantom{0} \\ 00 \end{array}$$

A jar of coffee weighs 36 oz.  
How much will 7 jars weigh?

252 oz



$$\begin{array}{r} 36 \\ \times 7 \\ \hline 252 \end{array}$$

A box of pencils is 2 in. wide. How many can be stored on a shelf 1 yd long?

18 boxes



$$\begin{array}{r} 18 \\ 2 \overline{)36} \\ \underline{2} \phantom{0} \\ 16 \\ \underline{16} \\ 0 \end{array}$$

1 yd = 36 in.

Maria spends 32 hours working on a school project. If she spreads the work evenly over 8 days, how many hours does she work each day?

4 h

$$\begin{array}{r} 4 \\ 8 \overline{)32} \\ \underline{32} \\ 0 \end{array}$$

Sean runs 143.26 m in 40 seconds. Malik runs 97.92 m in the same time. How much farther does Sean run than Malik?

45.34 m



$$\begin{array}{r} 143.26 \\ - 97.92 \\ \hline 45.34 \end{array}$$

Children will need to know that there are 3 feet, or 36 inches in a yard to solve the fifth problem on this page.