

# Real life problems



A plumber has 6 m of copper tubing. If he uses 2.36 m, how much will he have left?

3.64 m

If he buys another 4.5 m of copper tubing, how much will he now have?

8.14 m

$$\begin{array}{r}
 5 \overset{9}{1} \\
 6.00 \\
 - 2.36 \\
 \hline
 3.64 \\
 3.64 \\
 + 4.50 \\
 \hline
 8.14 \\
 1
 \end{array}$$



A man spends £35.65, £102.43, £68.99 and £36.50 in 4 different shops. How much did he spend altogether?



A petrol station has 10 400 litres of petrol delivered on Monday, 13 350 litres on Tuesday, 14 755 litres on Wednesday, 9 656 litres on Thursday, and 15 975 litres on Friday. How much did they have delivered from Monday to Friday?



If they sold 59 248 litres, how much petrol did they have left?





Daniel runs 22.56 km in a charity fun run. Sandra runs 8 420 m less. How far does Sandra run?




What is the combined distance run by Daniel and Sandra?




Dianne is 1.61 m tall. Her friend is 1.8 m tall. How much taller is Dianne's friend?





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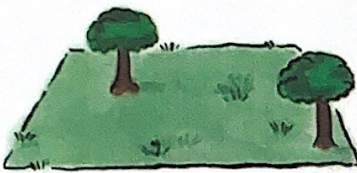
A man walks 18.34 km on Saturday and 16.57 km on Sunday.  
How far did he walk that weekend?

34.91 km

How much further did he walk on Saturday?

1.77 km

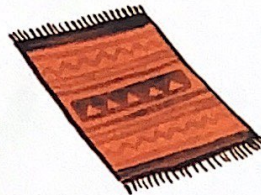
$$\begin{array}{r} 18.34 \\ + 16.57 \\ \hline 34.91 \\ \hline 7\overset{1}{2}1 \\ 18\overset{3}{4} \\ - 16.57 \\ \hline 1.77 \end{array}$$



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

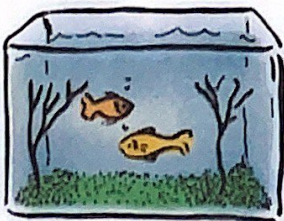
When Joe and Kerry stand on a weighing machine it reads 136.53 kg. When Joe steps off, it reads 68.76 kg. How much does Joe weigh?

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



A brother and sister's combined height is 3.27 m. If the sister is 1.59 m tall, how tall is the brother?

A country has 4 motorways, the MA which is 1 246 km long, the MB which is 339 km long, the MC which is 1 573 km long, and the MD which is 48 km long. How much motorway does the country have in total?



Jenny's aquarium holds 25.56 litres of water. She buys a new one which holds 32 litres. How much extra water do her fish have?