

Can I solve World Book day maths problems?

In the library there are 453 fiction books and 281 non-fiction books. How many books altogether?

$$\begin{array}{r} 453 \\ + 281 \\ \hline 734 \end{array}$$

734 books

If 235 books are on loan, how many are in the library?

$$\begin{array}{r} 612 \\ 734 \\ - 235 \\ \hline 499 \end{array}$$

Rachel's book has 40 pages. She reads $\frac{1}{4}$ of her book on Monday. She reads another $\frac{1}{2}$ on Tuesday. How many pages are left to read?

10 pages left

$$\frac{1}{4} \text{ of } 40 = 40 \div 4 = 10$$

$$\frac{1}{2} \text{ of } 40 = 20$$

$$10 + 20 = 30$$

$$40 - 30 = 10$$

Two friends win a prize of £120. They spend £38 on books and share the rest of the money between them. How much money do they get each?

£41 each

$$\begin{array}{r} 011 \\ 120 \\ - 38 \\ \hline 82 \end{array}$$

$$82 \div 2 = 41$$

Mr Wonka is 1m 70 cm tall. Charlie is 80cm shorter. How ~~much~~ tall is Charlie?

90cm tall

$$1\text{m}70 = 170 \text{ cm}$$

$$170 - 80 = 90$$

Green

Fred has £56. He buys 3 books which cost £6 each. How much money does he have left?

he has £38 left.

$$3 \times £6 = £18$$

$$\begin{array}{r} 4 \\ 56 \\ - 18 \\ \hline 38 \end{array}$$

A school orders 300 new books. 160 are put in the library. The rest are shared equally between ² classes. How many are given to each class?

Each class gets 70 books

$$\begin{array}{r} 2 \\ 300 \\ - 160 \\ \hline 140 \end{array}$$

$$140 \div 2 = 70$$