



Eleven Plus Maths How To Do - The Four Rules - Division

Division

$$6 \div 2$$

There are different ways of writing this sum.

$$6 \div 2 = \frac{6}{2} = \frac{6}{1} \times \frac{1}{2}$$

What you have seen here is that dividing by 2 is the same as multiplying by $\frac{1}{2}$

$$15 \div 3 = \frac{15}{3} = \frac{15}{1} \times \frac{1}{3} \qquad 24 \div 4 = \frac{24}{4} = \frac{24}{1} \times \frac{1}{4}$$

We have simply changed a division sum in to a multiplication sum.

Now try these sums:

$$\frac{3}{4} \div 3 = \frac{3}{4} \times \frac{1}{3} = \frac{1}{4}$$

$$\frac{62}{5} \div 8 = \frac{62}{5} \times \frac{1}{8} = \frac{62}{40}$$

$$\frac{11}{5} \div \frac{21}{10} = \frac{11}{5} \times \frac{10}{21} = \frac{22}{7}$$

There is a rule which it is as well to remember. When dividing a fraction change the dividing sign to a multiplying sign and invert the divisor.

To invert means turn upside down.