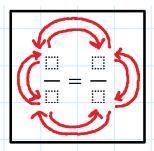
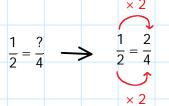
M8 - 2.1 - Equal Fraction Notes



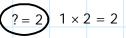
Do to Top/Do to Bottom Do to Left/Do to Right



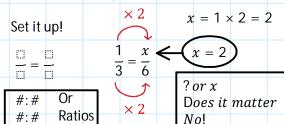
One over two equals what over 4?



Multiply bottom by 2 Multiply top by 2



One over three equals what over 6?



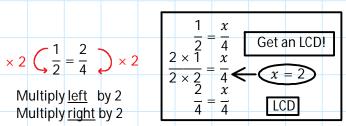


Direction Matters

Multiply in one direction Divide in other direction

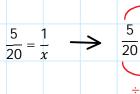
$$\times 2 \left(\frac{1}{2} = \frac{2}{4} \right) \times 2$$

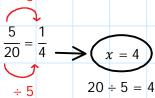
Multiply right by 2



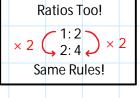
Five over twenty equals one over what?

I'm not afraid to work on the bottom of the fraction!

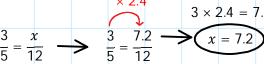




Divide top by 5 Divide bottom by 5



Three over five equals what over twelve?



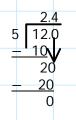
Multiply bottom by 2.4 Multiply top

OR!

Bottom goes into Top Bottom Top

If you don't know just divide! Bigger divided by Smaller!

by 2.4



 $\times 1.\overline{6} \left(\frac{3}{5} = \frac{x}{12} \right) \div 1.\overline{6}$

Multiply <u>left</u> in <u>down</u> by 2 Divide right in up by 2 1.66 ... 20 (Repeat)

 $\frac{5}{3}=1.\overline{6}$

Calculator 1. $\overline{6} = 1.666666...$