



$$\begin{aligned} 3 \times 4 &= 4 + 4 + 4 = 12 \\ 4 \times 3 &= 3 + 3 + 3 + 3 = 12 \\ 12 \div 4 &= 3 \\ 12 \div 3 &= 4 \quad \checkmark \end{aligned}$$

$$\begin{aligned} &= 20 \\ 4 \times 5 &= 20 \\ 5 \times 4 &= 20 \\ 20 \div 5 &= 4 \\ 20 \div 4 &= 5 \quad \checkmark \end{aligned}$$

Complete in pink please

$$\begin{aligned} 4 \times 6 &= 24 \\ 6 \times 4 &= 24 \\ 24 \div 4 &= 6 \\ 24 \div 6 &= 4 \quad \text{ind. rev.} \end{aligned}$$

$$\begin{aligned} &= 12 \\ 2 \times 6 &= 12 \\ 12 \div 2 &= 6 \\ 12 \div 6 &= 2 \\ 6 \times 2 &= 12 \quad \checkmark \end{aligned}$$

$$\begin{aligned} 3 \times 5 &= 15 \\ 5 \times 3 &= 15 \\ 15 \div 3 &= 5 \\ 15 \div 5 &= 3 \quad \checkmark \end{aligned}$$

Monday 25<sup>th</sup> April 2016  
We are learning to recognise that multiplication is commutative and that division is the inverse of multiplication.  
Steps to Success  
I can use the language fact families.  
I know that multiplication and division are related.  
I can use arrays to help me.

Well done Sam. You listened to the input. Make sure each calculation in the fact family has all 3 numbers in it.