**Simplifying with division:**

**Key ideas**

* $a÷b$ **is written as** $\frac{a}{b}$
* $\frac{6xy}{15x}$ **is the same as** $6xy÷15x$ **and can be simplified to** $\frac{2y}{5}$
* **When dividing, any common factor in the numerator and denominator can be cancelled**
	+ **Eg.**
		- $\frac{4ab}{2bc}=\frac{2a}{c}$
* **When it is division, cancel out common factors:**

$                   \frac{  6y^{2}}{3y}=\frac{6×y×y}{3×y}=2y$