

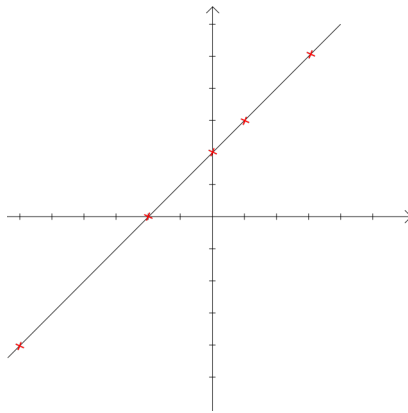
## 0.1 Linear equations

$$x + 2 = y$$

That was an example of a **linear equation**.

It has two variables,  $x$  and  $y$ , and it describes how the value of one of the variables depends on the value of the other variable.

Lets plot (draw) this equation for a few diferent values of  $x$ , like  $-6$ ,  $-2$ ,  $1$  and  $5$



The graph of a linear equation is always a line