Vocabulary: Solving Equations on the Number Line



**Vocabulary**

* Equation – a mathematical sentence that states that two expressions are equal.
	+ The two equal expressions in an equation are written with an *equals sign* (=) between them.
	+ For example, the equation *x* + 3.1 = 6.5 shows that *x* + 3.1 and 6.5 are equal.
* Expression – a combination of numbers, variables, and/or operations.
	+ For example, *x* – 5, 8*m*, *r* ÷ 6, 7, 3*x* + 4, and (2 + ()2 – 0.3) are all expressions.
* Solution – a value that makes an equation true.
	+ For example, 3.4 is the solution of the equation *x* + 3.1 = 6.5 because
	3.4 + 3.1 = 6.5.