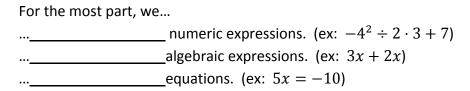
Equations and Their Solutions



In this chapter, we'll focus on solving equations. Equations are statements that can either be true (ex: 2 + 3 = 5) or false (ex: 1 = 2). Solving an equation means finding value(s) for the variable(s) that make the equation ______.

Once we have a solution, we can check it by plugging it into the equation. If it makes the equation true, then it's a solution.

Ex 1.

Check if 2 is a solution to 5m - 29 = -8m - 4.

Ex 2.

Check if -2 is a solution to $x^2 - 3x - 2 = |x^3|$.