

Download An Equation That Has No Solution

An equation of one variable and of first order (i.e., its highest power is one) is called a Linear equation in one variable. Such an equation has only one solution. Sometimes equations have no solution. This means that no matter what value is plugged in for the variable, you will ALWAYS get a contradiction. Watch this tutorial and learn what it takes for an equation to have no solution. In solving this equation, we follow the same process as in steps 1 through 3 and we have the equivalent equation $8x - 2 = 8x - 2$. Here, we collect our x-terms on the left side of the equal sign and our constant terms on the right side, thus giving us the equation $0x = 0$ which is equal to $0=0$, which is a true statement. When finding how many solutions an equation has you need to look at the constants and coefficients. The coefficients are the numbers alongside the variables. The constants are the numbers alone with no variables. - An Equation That Has No Solution