Name: _____

Guided notes 2c.1, part 2
Math 9 – Wolfe

Solving two-step equations

When you evaluate an expression, you use order of operations:

B E D M A S

For example, $2^3 + (10 - 3) * 5$

When you SOLVE FOR a variable, you _____ order of operations.

If you need to _____ or _____, do this first. Then _____ or _____ . (We will worry about other operations much later)

Solving a two-step problem:

$2x + 7 = 30$	Given problem
	Add or subtract
	Multiply or divide
	Check your answer and circle it

When you have two or more steps, it can be really helpful to be able to check your work. We do this by plugging our answer in to the original equation:

A note about fractions: Fractions are like multiplying and dividing, so the quickest way to handle them is to do both at once – multiply by the _____ (flip it)

The reciprocal of 2/3 is 3/2. The reciprocal of -2/3 is -3/2.

Solve a one-step problem with fractions:

Let's put it all together and try a few examples:
