


Solving Multi-Step Equations

Examples	$\frac{1}{2}(40m + 10) = 15$	$10y - 12y = 3y + 5$	$6(5c - 3) = 3(-4 + 9c)$	$-\frac{3}{4}(12x - 8) = -2x + 3x - 4$
<p><u>Step 1:</u> Distribute</p> <p> $a(b + c) = ab + ac$</p>				
<p><u>Step 2:</u> Combine Like Terms on the same side of the equal sign.</p>				
<p><u>Step 3:</u> Combine variables on opposite sides of the equal sign by using inverse operations.</p>				
<p><u>Step 4:</u> Isolate the variable by adding or subtracting constants.</p>				
<p><u>Step 5:</u> Multiply or divide coefficients.</p>				
<p><u>Answer</u></p>				