



1-Step Equations Cue Cards (with examples)

Inverse Operations: (Opposites)	
Addition & Subtraction Positive # & Negative # (ex: 3 & -3)	Multiplication & Division Square & Square Root

Pre-Step for all equations: Simplify Double Signs!

Rule	Example
 Two like signs become a positive sign	$+(+)$ $3+(+2) = 3 + 2 = 5$ $-(-)$ $6-(-3) = 6 + 3 = 9$
 Two unlike signs become a negative sign	$+(-)$ $7+(-2) = 7 - 2 = 5$ $-(+)$ $8-(+2) = 8 - 2 = 6$

Solving 1-Step Equations Cue Card with Examples	
Step 1:	Use inverse operations to undo constant or coefficient on the same side of the variable
<div style="border: 1px solid black; padding: 5px; background-color: #ffff00;"> <p style="text-align: center;">One Step Addition Example</p> <p style="text-align: center; color: red;">The Opposite of Addition is Subtraction</p> $y + 14 = 20$ $\quad -14 \quad -14$ $y = 6 \checkmark$ <p style="text-align: center; color: blue;">The value which makes the equation true is 6.</p> </div>	<div style="border: 1px solid black; padding: 5px; background-color: #00ff00;"> <p style="text-align: center;">ONE STEP SUBTRACTION EXAMPLE</p> <p style="text-align: center; color: red;">The Opposite of Subtraction is Addition</p> $x - 120 = 80$ $\quad +120 \quad +120$ $x = 200 \checkmark$ <p style="text-align: center; color: blue;">The value which makes the equation true is 200.</p> </div>
<div style="border: 1px solid black; padding: 5px; background-color: #ff00ff;"> <p style="text-align: center;">Multiplication Example</p> <p style="text-align: center; color: red;">The Opposite of Multiplication is Division</p> $3n = 12$ $\cancel{3}n = \frac{12}{\cancel{3}}$ $n = 4 \checkmark$ <p style="text-align: center; color: blue;">The value which makes the equation true is 4.</p> <p style="font-size: small; color: blue;">3/3 cancels down to become 1/1 = 1 1n is simply "n"</p> </div>	<div style="border: 1px solid black; padding: 5px; background-color: #00bfff;"> <p style="text-align: center;">One Step Division Example</p> <p style="text-align: center; color: red;">The Opposite of Division is Multiplication.</p> $\frac{k}{2} = 16$ $\cancel{2} \frac{k}{\cancel{2}} \times \cancel{2} = 16 \times 2$ $k = 32 \checkmark$ <p style="text-align: center; color: blue;">The value which makes the equation true is 32.</p> <p style="font-size: small; color: blue;">K is divided by 2, so we need to multiply both sides by 2 2/2 cancels down to become 1/1 = 1 1k is simply "k"</p> </div>