

SOLVING ONE-STEP EQUATIONS

NOTES

- To solve an equation, use _____ operations.
- A word that is similar to "inverse" is _____.
- Addition and Subtraction are _____ operations.
- Multiplication and Division are _____ operations.

THE INVERSE OF ADDITION IS _____.

Solve	Check (Substitute the variable back into the original equation and solve)
$\begin{array}{r} x + 7 = 12 \\ -7 = -7 \\ \hline x = 5 \\ \textcircled{x = 5} \end{array}$	<p>Check</p> $\begin{array}{l} x + 7 = 12 \\ 5 + 7 = 12 \\ 12 = 12 \checkmark \end{array}$
$10 + z = 12$	
$2.23 + m = 5.84$	
$150 = 50 + h$ *You can rewrite the equation to get h on the left. Now solve $\rightarrow h + 50 = 150$	

THE INVERSE OF SUBTRACTION IS -----

*Choose 4 to complete

Solve	Check (Substitute the variable back into the original equation and solve)
$a - 5 = 8$	
$x - 9 = 5$	
$5 = w - 8$ $w - 8 = 5$	
$x - 6 = 2$	
$35 = c - 15.5$ $c - 15.5 = 35$	
$Y + 5.6 = 19.4$	