Name: _____ Pd: ____ Date: _____

Solving Two-Step Equations

Recall that when following the order of operations,
the operations of _____ and _____ always come last.

When solving a two-step equation, addition and/or subtraction
always come _____ .

Name the two operations (in order) that you would use to solve each two-step equation below.

$3x + 4 = 8$ _____

$3x - 4 = 18$ _____

$\frac{x}{3} + 1 = 5$ _____

$\frac{x}{5} - 8 = 12$ _____

(c)kt

Solve	Operations	Check
$3x + 4 = 19$		
$-2a + 8 = 2$		

(c)kt

Solve	Operations	Check
$5x - 20 = 30$		
$8m - 10 = -2$		(c)kt

Solve	Operations	Check
$1 = 9 - 2y$		
$15 = 14 - n$		(c)kt

Solve	Operations	Check
$\frac{a}{5} - 20 = 30$		
$\frac{y}{7} + 10 = 15$		(c)kt

Solve	Operations	Check
$9 - \frac{m}{4} = 1$		
$14 + \frac{x}{8} = 15$		(c)kt

Solve	Operations	Check
$1 = 9 - 2y$		
$15 = 14 - n$		(c)kt

Solve	Operations	Check
$12 = 12 - 3h$		
$15m + 9 = -51$		(c)kt

Name: _____ Pd: ____ Date: _____

Recall that when following the order of operations,
the operations of _addition__ and subtraction always come last.

When solving a two-step equation, addition and/or subtraction
always come first .

Name the two operations (in order) that you would use to solve each two-step equation below.

$3x + 4 = 8$ subtract, divide

$3x - 4 = 18$ add, divide

$\frac{x}{3} + 1 = 5$ subtract, multiply

$\frac{x}{5} - 8 = 12$ add, multiply

(c)kt

Solve	Operations	Check
$3x + 4 = 19$ $x = 5$	subtract, divide	
$-2a + 8 = 2$ $a = 3$	subtract, divide	(c)kt

Solve	Operations	Check
$5x - 20 = 30$ $x = 10$	subtract, divide	
$8m - 10 = -2$ $m = 1$	subtract, divide	(c)kt

Solve	Operations	Check
$1 = 9 - 2y$ $y = 4$	subtract, divide	
$15 = 14 - n$ $n = -1$	subtract, divide	(c)kt

Solve	Operations	Check
$\frac{a}{5} - 20 = 30$ $a = 250$	add, multiply	
$\frac{y}{7} + 10 = 15$ $y = 35$	subtract, multiply	*(c)kt*

Solve	Operations	Check
$9 - \frac{m}{4} = 1$ $m = 32$	subtract, multiply	
$14 + \frac{x}{8} = 15$ $x = 8$	subtract, multiply	*(c)kt*

Solve	Operations	Check
$12 = 9 - 3h$ $h = -1$	subtract, divide	
$6 = 4 - x$ $x = -2$	subtract, divide	*(c)kt*

Solve	Operations	Check
$12 = 12 - 3h$ $h = 0$	subtract, divide	
$15m + 9 = -51$ $m = -4$	subtract, divide	*(c)kt*