Warm Up: Solving Linear Equations

Name:

Solutions to Linear Equations (Opposites Undo!)

$x + b = 0$	$x - b = 0$	$ax + b = 0$	$ax - b = 0$
$x = -b$	$x = +b$	$x = -b/a$	$x = +b/a$

1. (Basic Problems) Write solutions!

A. $x + 6 = 0$	**C.** $x - 9 = 0$	**E.** $x + 4 = 0$	**G.** $x - 1 = 0$
B. $x - 10 = 0$	**D.** $x + 2 = 0$	**F.** $x - 3 = 0$	**H.** $x + 5 = 0$

2. (Mixed Problems) Write solutions! Simplify when possible!

A. $3x + 9 = 0$	**D.** $2x - 4 = 0$	**G.** $5x + 10 = 0$	**J.** $2x - 8 = 0$
B. $4x = 0$	**E.** $6x + 2 = 0$	**H.** $7x - 5 = 0$	**K.** $9x + 4 = 0$
C. $2x - 6 = 0$	**F.** $5x = 0$	**I.** $2x - 3 = 0$	**L.** $6x + 6 = 0$