

### Algebra I: Solving Equations (2-step) # 1

1. Cut the squares apart.
2. Match equivalent sentences.
3. You should get a new 4 X 4 square.

	$-3x=18$			$x=12$			$x^2=100$			$3+4x=19$	
$4x=-44$		$2x+4=8$	$2=x$		$-3x+1=7$	$-2=-x$		$x=-7$	$8+x=1$		$x=13$
	$7=x-2$			$x=14$			$4x=24$			$x=-5$	
	$x=9$			$9=x+ -5$			$x=6$			$7x=-35$	
$x=15$		$x/7=3$	$12=x$		$x=-3$	$5=4-x$		$x=1$	$1=x-9-7$		$4x+6=50$
	$x=24$			$x/4 -5 = 15$			$-x=16$			$x=3$	
	$x/4 -1 = 5$			$x=80$			$x=-16$			$5(x+3)=30$	
$2x+3=-17$		$x/3=3$	$39=x$		$x=-9$	$0=x+7^2$		$x-4^2=32$	$8=x$		$x=-15$
	$\sqrt{x} = 5$			$x=40$			$2x+14=28$			$x=-1$	
	$x=25$			$x/8 +15=20$			$x=7$			$3(x-4)=-15$	
$x=99$		$-5+ -3+x=-8$	$0=x$		$(8+ -2)x=-288$	$8=-x$		$-7-3=x$	$12=-x$		$x-2=-10$
	$x=-14$			$2x+4=20$			$x=-13$			$x=16$	

### Algebra I: Solving Linear Equations (2-step) #2

1. Cut the squares apart.
2. Match equivalent sentences.
3. You should get a new 4 X 4 square.

$2x+3=-7$	$x-11=4$	$1= x$	$x=-1/2$	$x=30$	$4=3-x$
$x=-3$	$x=14$	$x=-2$	$6x-(-2)=5$	$2/5 x=10$	$8x-x=8$
$x+4=-9$	$x=2.4$	$x=3/4$	$3x=12$	$x=6$	$81=x$
$4/0=3+0+x^2+0$	$1.15x=23$	$4x=5$	$1/3 x=0$	$-3x-4=5$	$1/3 x=17$
$x=10$	$x=15$	$x-(-2)=-5$	$x=2.2$	$x=2$	$7x=x$
$2/3 x=12$	$x=1/2$	$7-6x=1$	$x=7/8$	$x=7/8$	$81=x$
$2-2=x$	$x=-3$	$x/4-1=5$	$x+11=13$	$x=-13$	$81=-x$
$2/5 x=2.5$	$x=0.8$	$x/4-1=5$	$4x+5=8$	$6x=-3$	$6x=-3$
$9x=-9$	$x=-3$	$x=25$	$x=-5$	$9x=-9$	$2/5 x=2.5$
$81 \cdot 0 = x$	$5x+8=-2$	$x=-24$	$-5x=-35$	$0.52x-0.6=15$	$x=-13$
$-x/3=8$	$x=7$	$-4x+2=-20$	$1/2 x-5=1$	$x=7$	$02=x$