

Simplify and Solve \pm

Name _____ # _____

Algebra Foundations

Date _____

(Solve for 'x' by performing opposite operations). (SHOW YOUR STEPS)

<p>ex.) $-3 - 3 = 4 - 3x + 4x$</p> $-6 = 4 + x$ $-6 - 4 = 4 + x - 4$ $-10 = x$	<p>2) $-5 - 5 = -2 - 6y + 7y$</p>	<p>3) $-3 + 7 - 4 = -2a + 3a$</p>
<p>check:</p> $-3 - 3 = 4 - 3x + 4x$ $-6 = 4 - 3(-10) + 4(-10)$ $-6 = 4 + 30 - 40$ $-6 = 34 - 40$ $-6 = -6$	<p>check:</p>	<p>check:</p>
<p>4) $6 - 11 + 5 = -8c + 9c$</p>	<p>5) $y - 75 = 100 - 25$</p>	<p>6) $a - 200 + 100 = -100$</p>
<p>check:</p>	<p>check:</p>	<p>check:</p>
<p>7) $-x + 3 + 2x = 18$</p>	<p>8) $-m + 2m - 4 = 13$</p>	<p>9) $82 = 2k - 31 - k$</p>
<p>check:</p>	<p>check:</p>	<p>check:</p>