

Accelerated Math (Extra Practice)
Evaluating Algebraic Expressions (2.2 & 2.3)

Name _____
Block _____

Key

Date _____

Evaluate each of the following for the values given. Remember to substitute for the variable first, then evaluate using the order of operations. All subtraction problems should be written as their related addition problem.

Let $a = -2$ $b = 3$ and $c = -5$

<p>1) $a + b + c$ $-2 + 3 + -5$ $-7 + 3$ -4 <u>4</u></p>	<p>2) $- a - c - b$ $- -2 - -5 - 3$ $-2 - -5 + 3$ $-2 - -8$ $-2 - 8$ $-2 + 8$ <u>-10</u></p>	<p>3) $(a + b) - (c - a)$ $(-2 + 3) - (-5 - -2)$ $(1) - (-5 + 2)$ $1 - (-3)$ $1 + 3$ <u>4</u></p>
<p>4) $b + c - 8 - a$ $3 + -5 - 8 - -2$ $3 + 5 - 8 - 2$ $8 + -8 + -2$ <u>-2</u></p>	<p>5) $-a + b - (c + a)$ $-(-2) + 3 - (-5 + -2)$ $2 + 3 - (-7)$ $5 + 7$ <u>12</u></p>	<p>6) $-b - c - a + b$ $-3 - -5 - -2 + 3$ $-3 + 5 - 1$ $2 - 1$ $2 - 1$ <u>1</u></p>