

Name _____ **Lesson 1 Solving One Step Equations**



Rule: The sum of any *integer* and its opposite is equal to zero.

Summary: **Adding** two positive *integers* always yields a positive sum; **adding** two negative *integers* always yields a negative sum. To find the sum of a positive and a negative *integer*, take the absolute value of each *integer* and then **subtract** these values.

Examples (A) $X + 3 = 11$ (B) $X - 15 = 9$ (C) $X + 15 = 17$
 $X = 8$ $X = 24$ $X = 2$

(1) $X - 5 = 4$	(2) $X + 4 = 19$	(3) $X + 3 = 12$
(4) $X - 7 = 15$	(5) $X + 15 = 17$	(6) $X - 10 = 15$
(7) $X + 10 = 20$	(8) $X - 8 = 8$	(9) $X + 9 = 21$
(10) $X + 4 = 14$	(11) $X - 4 = 15$	(12) $X + 4 = 17$