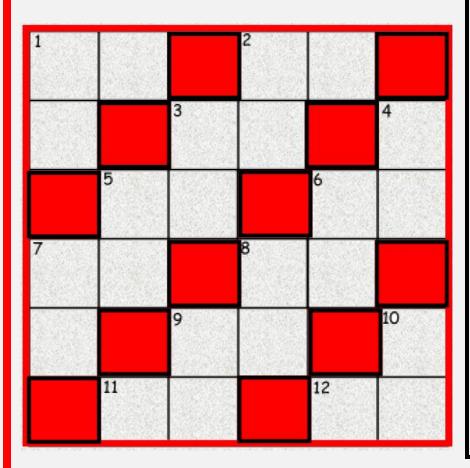
Lesson – Students Cross-number Puzzle Solving with variables on both sides Name:_____



ACROSS	DOWN
1.5x + 2 = 2x + 14	1. x - 21 = -x + 21
2. 6x - 3 = 2x + 9	$2.\ 2x - 5 = -x + 10$
3. 3(x-5) = 2(x+5)	3. 2(x-4) = -2x + 104
$5.\ 2x - (5 - x) = 13 + 2x$	4. 9x - 22 = 3x + 44
6. (x+4) - 3x = x+1	$5.\ 3x + 16 = -x + 64$
$7.\ 5x + 3 = 4x + 9$	$6. \ 11 + 7x = -5 + 3x$
$8.\ 7x + 11 = 3x - 5$	72 + 6x = 2x + 6
9.3x + 6 = 5(x+4)	$8.\ 2(5x-1)=3x+33$
$11. (x-2) = \frac{1}{2}x + 6$	$9\frac{2}{4}x+2=-\frac{1}{4}x-2$
$12.\frac{1}{5}x + 8 = \frac{2}{5}x + 4$	$10.\ 2x - 10 = -2x + 30$

	2.03
01.01 40.04 10.10	1. 22

ANSWERS:

The answers are to the left and are flipped upside down. Do not look at the answers until you have completed the puzzle.