

3/8/2011 Algebra Charts: _____ Name: _____

1. Fill in the following algebra charts, as demonstrated on the board:

+	$5x - 4$	$2x - 7$	$4x - 3$	$3x + 7$	$x + 6$
$5x + 5$					
$2x - 3$					
$4x - 1$					
$x + 7$					
-2					

+		$5x - 7$			
	$5x + 9$			$9x + 3$	
			-10		
			$7x - 3$		$14x + 6$
				$12x$	$13x + 5$
	$3x + 3$	$6x - 9$			

2. Select “Algebra Charts” from the Maths300 software library:

- Select “**Addition**”
- Set the **grid size to 4x4**
- Check the box for “**Show time taken**”
- Select “**level 2**”
- **Complete 3 Algebra charts** with these settings. Once you’ve done this- **give me your best score out of the three (quickest time).**

Score:			
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3. Extension:

a. Create a 4 x 4 puzzle of your own design.

Rules:

- Place only one term on the side or top.
- Place exactly 7 terms within the other cells.

b. How many clues are needed for larger sized grids, such as 5 x 5, or 6 x 6 or n x n?