M10-C Polynomials **Name:** _____

Rectangles and Algebra Tiles #1

Polynomial	Sketch of Rectangle	Grid	Dimensions (factors)
$2x^2+5x+3$			
x^2+5x+6			
$3x^2+4x+1$			
$2x^2+7x+6$			
$x^2+7x+12$			

$3x^2+8x+4$			
$2x^2+7x+5$			
$2x^2+25x+12$			
$2x^2+7x+3$			
$2x^2+11x+12$			

M10-C Polynomials **Name:**_____

Rectangles and Algebra Tiles Chart #2

Polynomial	Sketch of Rectangle	Grid	Factors
$2x^2+3x+1$			
			$(x+3)(x+5)$

	3x	+2
x	$3x^2$	2x
+3	9x	6

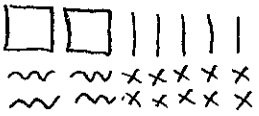
	2x	+3
x	$2x^2$	3x
+3	6x	9

$3x^2+13x+4$			
			$(5x+3)(x+2)$
$5x^2+8x+3$			
$8x^2+18x+9$			

M10-C Polynomials **Name:**_____

Rectangles and Algebra Tiles Chart #3

Polynomial	Sketch of Rectangle	Grid	Factors
x^2-8x+7			
		$\begin{array}{c\|cc} & 2x & +3 \\ \hline x & 2x^2 & +3x \\ -1 & -2x & -3 \end{array}$	
			$(x-5)(x-2)$
$2x^2-9x+9$			

$3x^2-x-4$			
			
			$(5x-3)(x+2)$
$2x^2-5x-12$			
$3x^2-14x+8$			