

Algebra 1: 12.2 HW (Part 1)  
 Multiplying Polynomials

Name \_\_\_\_\_ Period \_\_\_\_\_

Determine the product of the binomials using multiplication tables.

Example:  $x + 1$  and  $x + 1$

•	$x$	1
$x$	$x^2$	$x$
1	$x$	1

$(x + 1)(x + 1) = x^2 + 2x + 1$

1.  $x + 1$  and  $x + 3$

•		

2.  $x + 1$  and  $x - 4$

•		

3.  $6x + 5$  and  $2x + 2$

•		

4.  $x + 3$  and  $x - 3$

•		

5.  $2x + 1$  and  $x + 3$

•		

6.  $10x - 1$  and  $9x + 8$

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