


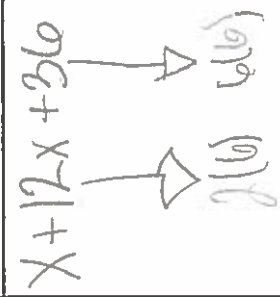


Name: "Teacher"

Id: _____ Date: _____

Section 2P7

Special Cases when Factoring Trinomials

Case	Product	Factored Form	Why it's special	More Examples
Difference of Squares	x^2  $x \cdot x$ 9  $3 \cdot 3$  difference	$(x+3)(x-3)$	<ul style="list-style-type: none"> Perfect Square minus Perfect Square (root + root) (root - root) 	$x^2 - 16$ $(x+4)(x-4)$ $x^2 - 81$ $(x+9)(x-9)$
Square of a Binomial	$x^2 + 12x + 36$ 	$(x+6)(x+6)$	<ul style="list-style-type: none"> $x^2 + 2(\#) + (\#)(\#)$ $(x + \#)(x + \#)$ $(x + \#)^2$ 	$x^2 + 8x + 16$ $(x+4)(x+4)$ $(x+4)^2$