Special Products of Polynomials
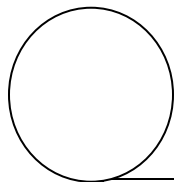
Algebra	Product	Example
$(a+b)^2$	$a^2 + 2ab + b^2$	$(a+3)^2 = a^2 + 6a + 9$
$(a-b)^2$	$a^2 - 2ab - b^2$	$(a-4)^2 = a^2 - 8a - 16$
$(a+b)(a-b)$	$a^2 - b^2$	$(a+3)(a-3) = a^2 - 9$

Multiply Each Polynomial

Ex1) $(x+2)^2$

Ex2) $(x-2)^2$

Ex3) $(a+3)(a-3)$

Ex4) $(3x+3)^2$

Ex5) $(-2x-3)^2$

Ex6) $(2a+4)(2a-4)$