



Assumption College Ubonratchathani
English for Math 2

Name _____ Class _____ No _____

Expansion by Difference of Two Squares

Formula

$$(x + a)(x - a) = x^2 - a^2$$

Example

$$(x + 2)(x - 2) = x^2 - 2x + 2x - 4 = x^2 - 4$$

Expand the following expressions.

1.) $(x + 5)(x - 5) =$

2.) $(2 + x)(2 - x) =$

3.) $(x + 4y)(x - 4y) =$

4.) $(5x + 3)(5x - 3) =$

5.) $(3a + b)(3a - b) =$