



Assumption College Ubonratchathani
English for Math

Name _____ Class _____ No _____

Before answering the Pre-Test, watch the video:

Expansion of Two Binomials $(a + b)(c + d)$
Pre-Test

Expand the following expressions.

0.) $(x + 6)(x + 4) =$ $(x)(x) + (x)(6) + (6)(x) + (6)(4) = x^2 + 6x + 4x + 24 = x^2 + 10x + 24$

1.) $(a + 2)(a - 3) =$

2.) $(y - 5)(y + 7) =$

3.) $(z - 8)(z - 1) =$

4.) $(2x + 5)(3x - 4) =$

5.) $(4y + 1)(4y - 1) =$

6.) $(3x - 1)(x - 1) =$

7.) $(4m - 2)(m + 8) =$

8.) $(5x - 5)(2x + 2) =$

9.) $(3x - 12)(3x + 12) =$

10.) $(7y - 2)(7y - 2) =$