

Homework 10 practice, please write on this paper!

December 7, 2025

Example:

$$(a + b)^2 = (a + b)(a + b) = a(a + b) + b(a + b) = a^2 + ab + ba + b^2 = a^2 + 2ab + b^2$$

1. $(a - b)^2 = (a - b)(a - b) =$

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

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

4. $(2x - y)(x + 2y) =$

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