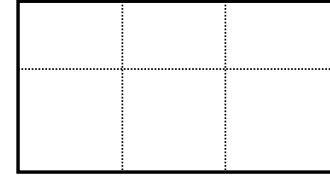


3.7 Multiplying Polynomials

ex. $(x + 2)(a + b - 3)$



* We must multiply each term in the first by each term in the second

ex. $(2a - 5)(3a^2 - a + 4)$

ex. $(x + 2)^2(x^2 - 5x - 3)$

ex. Expand and simplify

$$a) (2x - 4)(3x + y - 1) - (3x + 2y)^2$$

$$b) 2(a + b)(2a - 3b) - (a - 2b)(2a + b)$$

Homefun: pg. 186 #4ab, 5*, 7, 9*, 11, 12, 14-19, 21, 15* (* means do only ace)