

## The Product of Two Binomial Expressions part 8

Expand and simplify the following expressions

1)  $(6a + 4)(a + 2) - (a + 3)(3a - 4)$

2)  $(2a + 3)(4a - 2) - (4a + 2)(3a - 3)$

3)  $(3x + 2)(x + 3) - (x - 5)(2x - 6)$

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

5)  $(5y + 5)(2y + 6) - 3(3y + 4)$

6)  $(4p - 3)(2p + 4) - 2(3p + 7)$

7)  $(6t - 2)(3t + 5) - (7t - 6)(4t - 5)$

8)  $(8e - 4)(3e + 6) + (5e - 4)(7e + 9)$