

## The Product of Two Binomial Expressions part 8b

Expand and simplify the following expressions

1)  $(4a + 7)(a + 2) - (a + 5)(3a - 4)$

2)  $(7a + 3)(4a - 2) - (4a + 2)(3a - 5)$

3)  $(2x + 2)(x + 3) - (x - 5)(2x - 8)$

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

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

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

7)  $(4t - 2)(3t + 5) - (7t - 6)(4t - 8)$

8)  $(5e - 4)(3e + 6) + (5e - 4)(7e + 10)$