

# Homework for Tuesday 21 September

Expand and simplify

$$1) \quad 3(2x + 5) + 4(3x + 1)$$

$$2) \quad 4(x - 2y) - 3(x + 3y)$$

$$3) \quad 4(x + 2y - 5) + 3(2x + y - 2)$$

$$4) \quad (x + 2)(2x + 3) + (x + 7)(x + 2)$$

$$5) \quad (2x - 1)(x + 5) - [(x + 3)(x - 2)]$$