Adding & Subtracting Polynomials

$(3x^2 - 4x + 1) + (-x^2 + x - 9)$

$3x^2 - 4x + 1 - x^2 + x - 9$

$2x^2 - 3x - 8$

$(3t^2 - 8t + 2) - (-3t^2 + 5t - 7)$

$3t^2 - 8t + 2 + 3t^2 - 5t + 7$

$6t^2 - 13t + 9$

① $(4r^2 + 5r - 6) + (3r^2 - 3r + 2)$

② $(-7x^2 - 4x + 1) - (-3x^2 + 2x + 11)$

Answers:

① $7r^2 + 2r - 4$

② $-4x^2 - 6x - 10$