

$$1) 2(3x+1) = 6x+2$$

$$4) 6n(4-5n) = 24n - 30n^2 = 5F - 30n^2 + 24n$$

$$7) (5t)(t^2+2t-4) = -5t^3 - 10t^2 + 20t$$

$$10) (t+3)(t+3) \quad 13) (4a+5)(2a-3)$$

$$t^2 + 3t + 3t + 9$$

$$t^2 + 6t + 9$$

$$8a^2 - 12a + 10a - 15$$

$$8a^2 - 2a - 15$$

$$16) (w+5)(w+2)$$

$$w^2 + 2w + 5w + 10$$

$$w^2 + 7w + 10$$

$$19) (4x+7)(x+5)$$

$$4x^2 + 20x + 7x + 35$$

$$4x^2 + 27x + 35$$

$$22) (3b-2)(2b-3)$$

$$6b^2 - 9b - 4b + 6$$

$$6b^2 - 13b + 6$$

$$25) (x-7)(3x+9)$$

$$F + 0 + I + L$$

$$3x^2 + 9x - 21x - 63$$

$$3x^2 - 12x - 63$$

$$28) (a+3)(a^2-4a-5)$$

$$a^3 - 4a^2 - 5a + 3a^2 - 12a - 15$$

$$a^3 - 1a^2 - 17a - 15$$