

\*Збирка, ширана 96:

$$907. a) mx - m = m(x - 1)$$

$$8) 4ax + 8a = 4a(x + 2)$$

$$6) -10by - 25bx = -5b(2y + 5x)$$

$$1) a^2 - ab = a(a - b)$$

$$9) 4x^3y^3 - 8x^2y^2 = 4x^2y^2(xy - 2)$$

$$5) 9a^3 - 6a^2b = 3a^2(3a - 2b)$$

$$e) 2a^2bx + 6ax^2 = 2ax(ab + 3x)$$

$$11) 8m^2n^3 + 6m^3n = 2m^2n(4n^2 + 3m)$$

$$3) 5x^2 - 10xy + 5xy^2 = 5x(x - 2y + y^2)$$

$$4) 4ax - 8ax^2 + 12ax^3 = 4ax(1 - 2x + 3x^2)$$

$$j) 15x^3y^2 + 10x^2y - 20x^2y^3 = 5x^2y(3xy + 2 - 4y^2)$$

$$899. a) x^2 + 4x + 4 \quad x = 998$$

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$$x^2 + 4x + 4 = (x + 2)^2 = (998 + 2)^2 = (1000)^2 = 1\,000\,000$$