

SIMPLIFYING ALGEBRAIC EXPRESSIONS

NAME: _____

Simplify each expression.

(01). $3(x + 9) - 2$

(02). $8x^2 + 6x + 7x^2$

(03). $4x + 6(2 - 5x)$

(04). $10x + 8(10x - 6)$

(05). $2p^2 + 2(3 - 8p) + 5p$

(06). $23x + 4(9x + 3) + 12$

(07). $12x - 3x(x + 9)$

(08). $5y(-8y + 12) + 14y$

(09). $23 + 15y^2 + 8y - 4y^2$

(10). $15y(x + 3) - 12x(y - 8)$

(11). $2a(b + 3c) + 2b(a - 2c)$

(12). $2x(y - 3) - 3y(x - 8) - 3yx$