

SIMPLIFYING ALGEBRAIC EXPRESSIONS

NAME: _____

Simplify each expression.

(01). $(x + 4)(x + 5)$

(02). $(x + 7)(x - 2)$

(03). $(2x + 3)(x - 1)$

(04). $(x + 7)(x + 3)$

(05). $(x + 5)(x - 5)$

(06). $(3x - 2)(2x + 1)$

(07). $(5y - 3)(2y - 5)$

(08). $(3a + 4b)(5b + 6a)$

(09). $(x + 3)^2 + (x - 4)^2$

(10). $\left(x + \frac{1}{x}\right)\left(x - \frac{2}{x}\right)$