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次の計算をしなさい。

$$(1) \quad 7x - 3y + 2x + y \quad (2) \quad -3(x + 2y) + (x - 3y) \quad (3) \quad (3x + 7) - (x - 1)$$

$$(4) \quad 5(x + 2y) - 2(4x - y) \quad (5) \quad -2(a - b) + 5(2a - b) \quad (6) \quad 3(2a - b) - 5(-a + 2b)$$

$$(7) \quad (x + 3)(x - 3) + (x - 5)(x - 1) \quad (8) \quad (x - 2)^2 - (x + 3)(x - 8) \quad (9) \quad (x + 4)(x - 4) - (x - 3)^2$$

$$(10) \quad (6a^2b - 4ab^2) \div 2ab \quad (11) \quad (6a^2b - 12ab^2) \div \frac{2}{3}ab \quad (12) \quad \frac{3x - y}{4} - \frac{5x + 2y}{9}$$

$$(13) \quad \frac{x - 3y}{2} - \frac{x - 5y}{8} \quad (14) \quad 2a + b - \frac{5a + b}{3} \quad (15) \quad \frac{2x + 5y}{3} - \frac{x - y}{2}$$

$$(16) \quad 18xy^2 \div (-3y)^2 \quad (17) \quad -4a^2b \times 12b \div (-6ab) \quad (18) \quad (-3x)^2 \div \frac{6}{5}xy \times 4y^3$$

$$(19) \quad 4ab^2 \div (-6a^3) \times 9a^2b \quad (20) \quad -6a^2 \times 9ab^2 \div (ab)^2 \quad (21) \quad 10xy^2 \div 8x^2y \times (-4x^2)$$

$$(22) \quad (-xy)^3 \times 4x^2y \div \left(-\frac{1}{2}xy\right) \quad (23) \quad ab^2 \times (-2ab)^2 \div (-a^2b)$$