

氏名 () 点数 _____

$$(1) \quad 2x(x^2 - 3x) \\ = \underline{2x^3 - 6x^2}$$

$$(2) \quad -2a(ab - \frac{1}{3}a) \\ = \underline{-2a^2b + \frac{2}{3}a^2}$$

$$(3) \quad 5a(\frac{3}{10}a - \frac{2}{5}b + 20) \\ = \underline{\frac{3}{2}a^2 - 2ab + 100a}$$

$$(4) \quad (a+2)(b-3) \\ = \underline{ab - 3a + 2b - 6}$$

$$(5) \quad (2x-3)(x-8) \\ = 2x^2 - 16x - 3x + 24 \\ = \underline{2x^2 - 19x + 24}$$

$$(6) \quad (a+b)(c-d) \\ = \underline{ac - ad + bc - bd}$$

$$(7) \quad (0.3a-b)(0.5a+2b) \\ = 0.15a^2 + 0.6ab - 0.5ab - 2b^2 \\ = \underline{0.15a^2 + 0.1ab - 2b^2}$$

$$(8) \quad (-\frac{1}{3} - 2x)(9x - 6) \\ = -3x + 2 - 18x^2 + 12x \\ = \underline{-18x^2 + 9x + 2}$$

$$(9) \quad (x+y-3)(4x-2y-1) \\ = 4x^2 - 2xy - x + 4xy - 2y^2 - y - 12x + 6y + 3 \\ = \underline{4x^2 - 2y^2 + 2xy - 13x + 5y + 3}$$

$$(10) \quad (7a-b-9)(a+4b+2) \\ = 7a^2 + 28ab + 14a - ab - 4b^2 - 2b - 9a - 36b - 18 \\ = \underline{7a^2 - 4b^2 + 27ab + 5a - 38b - 18}$$