

氏名 () 点数 _____

$$\begin{aligned}(1) \quad & (x+3)(x+8) \\ & = x^2 + (3+8)x + 3 \times 8 \\ & = \underline{x^2 + 11x + 24}\end{aligned}$$

$$\begin{aligned}(2) \quad & (x-4)(x+6) \\ & = x^2 + (-4+6)x + (-4) \times 6 \\ & = \underline{x^2 + 2x - 24}\end{aligned}$$

$$\begin{aligned}(3) \quad & (x-2)(x-5) \\ & = x^2 + (-2-5)x + (-2) \times (-5) \\ & = \underline{x^2 - 7x + 10}\end{aligned}$$

$$\begin{aligned}(4) \quad & (a+2)(a-3) \\ & = a^2 + (2-3)a + 2 \times (-3) \\ & = \underline{a^2 - a - 6}\end{aligned}$$

$$\begin{aligned}(5) \quad & (2x-3)(2x-8) \\ & = (2x)^2 + (-3-8)2x + (-3) \times (-8) \\ & = \underline{4x^2 - 22x + 24}\end{aligned}$$

$$\begin{aligned}(6) \quad & (3a+1)(3a-8) \\ & = (3a)^2 + (1-8)3a + 1 \times (-8) \\ & = \underline{9a^2 - 21a - 8}\end{aligned}$$

$$\begin{aligned}(7) \quad & (a-b)(a+2b) \\ & = a^2 + (-b+2b)a + (-b) \times 2b \\ & = \underline{a^2 + ab - 2b^2}\end{aligned}$$

$$\begin{aligned}(8) \quad & (x+y)(x-6y) \\ & = x^2 + (y-6y)x + y \times (-6y) \\ & = \underline{x^2 - 5xy - 6y^2}\end{aligned}$$

$$\begin{aligned}(9) \quad & (5x+y)(5x-2y) \\ & = (5x)^2 + (y-2y)5x + y \times (-2y) \\ & = \underline{25x^2 - 5xy - 2y^2}\end{aligned}$$

$$\begin{aligned}(10) \quad & (3a-b)(3a-2b) \\ & = (3a)^2 + (-b-2b)3a + (-b) \times (-2b) \\ & = \underline{9a^2 - 9ab + 2b^2}\end{aligned}$$