

氏名 () 点数 _____

$$(1) \quad 2x^3y^2 - 6x^2y - 8x^2y^3 \\ = \underline{2x^2y(xy - 3 - 4y^2)}$$

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

$$(3) \quad x^2 - 5x - 6 \\ = \underline{(x - 6)(x + 1)}$$

$$(4) \quad x^2 - 8x + 15 \\ = \underline{(x - 3)(x - 5)}$$

$$(5) \quad x^2 + 3x - 18 \\ = \underline{(x - 3)(x + 6)}$$

$$(6) \quad x^2 - x - 12 \\ = \underline{(x + 3)(x - 4)}$$

$$(7) \quad x^2 + 14x - 72 \\ = \underline{(x - 4)(x + 18)}$$

$$(8) \quad x^2 - 19x - 120 \\ = \underline{(x - 24)(x + 5)}$$

$$(9) \quad x^2 - xy - 12y^2 \rightarrow \begin{array}{l} \text{積が} -12y^2 \\ \text{和が} -y \end{array} \rightarrow -4y \text{ と } 3y \\ = \underline{(x - 4y)(x + 3y)}$$

$$(10) \quad x^2 - 7xy + 12y^2 \rightarrow \begin{array}{l} \text{積が} 12y^2 \\ \text{和が} -7y \end{array} \rightarrow -4y \text{ と } -3y \\ = \underline{(x - 4y)(x - 3y)}$$