

$$\begin{aligned}
 \textcircled{2} \quad & \underbrace{(a-2b+3)}_A^2 \quad \rightarrow \quad (a-2b+3)(a-2b+3) \\
 & = (A+3)^2 \\
 & = A^2 + 6A + 9 \\
 & = (a-2b)^2 + 6(a-2b) + 9 \\
 & = \underline{a^2 - 4ab + 4b^2 + 6a - 12b + 9} //
 \end{aligned}$$

という二項なので、どちらか2を3に
 して A に置きかえよう。

$$\begin{aligned}
 \textcircled{3} \quad & \underbrace{(x-3y-4)}_A \underbrace{(x-3y+4)}_A \\
 & = (A-4)(A+4) \\
 & = A^2 - 16 \\
 & = (x-3y)^2 - 16 \\
 & = \underline{x^2 - 6xy + 9y^2 - 16} //
 \end{aligned}$$

$$\begin{aligned}
 \textcircled{4} \quad & (\boxed{x-3y+1})(\boxed{x+3y+1}) \\
 & = (\underbrace{\boxed{x+1}-3y}_A)(\underbrace{\boxed{x+1}+3y}_A) \quad \left. \begin{array}{l} \curvearrowright \\ \text{並びかえ} \end{array} \right. \\
 & = (A-3y)(A+3y) \\
 & = A^2 - 9y^2 \\
 & = (x+1)^2 - 9y^2 \\
 & = \underline{x^2 + 2x + 1 - 9y^2} //
 \end{aligned}$$