

◇ いろいろな計算

$$\begin{aligned} \text{例(1)} \quad & 3a+2b-\{4a-(6a-9b)\} \\ & = 3a+2b-\{4a-6a+9b\} \end{aligned}$$

$$\begin{aligned} & = 3a+2b-\{-2a+9b\} \\ & = 3a+2b+2a-9b \\ & = 5a-7b \end{aligned}$$

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$$\begin{aligned} \text{Ex.} \quad & 5x+2y-\{4x-(11x-16y)\} \\ & = 5x+2y-\{4x-11x+16y\} \\ & = 5x+2y-\{-7x+16y\} \\ & = 5x+2y+7x-16y \\ & = 12x-14y \end{aligned}$$

$$\begin{aligned} \text{例(2)} \quad & 3(4a-5b)-6(2a-3b) \\ & = 12a-15b-12a+18b \\ & = 3b \end{aligned}$$

$$\begin{aligned} \text{Ex.} \quad & 2(2x^2+x)-3(-4x^2+2x) \\ & = 4x^2+2x+12x^2-6x \\ & = 16x^2-4x \end{aligned}$$