

$$\textcircled{3} \quad 2(x - y + 1) + 3(-x - y + 4)$$

$$= \underline{2x - 2y + 2} - \underline{3x - 3y + 12}$$

$$= \underline{-x - 5y + 14}$$

問題 $\textcircled{1} \quad 4(3x - y + 2)$

$$= \underline{12x - 4y + 8}$$

$$\textcircled{2} \quad -7(-2x + 3y)$$

$$= \underline{14x - 21y}$$

$$\textcircled{3} \quad 6\left(\frac{a}{3} - \frac{b}{2}\right)$$

$$= \frac{6}{3}a - \frac{6}{2}b$$

$$= \underline{2a - 3b}$$

$$\textcircled{4} \quad (-4x - 6y + 10) \times \left(-\frac{1}{2}\right)$$

$$= \frac{4}{2}x + \frac{6}{2}y - \frac{10}{2}$$

$$= \underline{2x + 3y - 5}$$

$$\textcircled{5} \quad 2(x + 4y) + 3(x - 5y)$$

$$= 2x + 8y + 3x - 15y$$

$$= \underline{5x - 7y}$$

$$\textcircled{6} \quad \frac{1}{2}x \times \frac{4}{3}x^2$$

$$= \underline{\frac{2}{3}x^2}$$

$$\textcircled{7} \quad (-5x)^2 = (-5x) \times (-5x) = \underline{25x^2}$$

$$\textcircled{8} \quad -(5x)^2 = -(5x \times 5x) = \underline{-25x^2}$$

$$\textcircled{9} \quad (-2x) \times (-3y) \times (-4xy) = \underline{-24x^2y^2}$$

まず数字だけを暗算すると、 $(-2) \times (-3) \times (-4) = -24$

そして文字だけを暗算すると、 $x \times y \times x \times y = x$ が2個と y が2個