

氏名 ( ) 点数 \_\_\_\_\_

$$\begin{aligned}
 (1) \quad & (x-3y)-(-4x-y) \\
 & = x-3y+4x+y \\
 & = (1+4)x+(-3+1)y \\
 & = \underline{5x-2y}
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad & -(2x-y)-(y-x) \\
 & = -2x+y-y+x \\
 & = (-2+1)x+(1-1)y \\
 & = \underline{-x}
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad & (a-3b)+(4a-2b) \\
 & = a-3b+4a-2b \\
 & = (1+4)a+(-3-2)b \\
 & = \underline{5a-5b}
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad & (a-3b)-(a+b) \\
 & = a-3b-a-b \\
 & = (1-1)a+(-3-1)b \\
 & = \underline{-4b}
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad & \frac{5x-y}{3} + \frac{x-3y}{2} \\
 & = \frac{2(5x-y)+3(x-3y)}{6} \\
 & = \frac{10x-2y+3x-9y}{6} \\
 & = \underline{\frac{13x-11y}{6}}
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad & \frac{x-3y}{4} - \frac{x-y}{3} \\
 & = \frac{3(x-3y)-4(x-y)}{12} \\
 & = \frac{3x-9y-4x+4y}{12} \\
 & = \underline{\frac{-x-5y}{12}}
 \end{aligned}$$

$$\begin{aligned}
 (7) \quad & \frac{x+y}{2} - \frac{5x-2y}{3} \\
 & = \frac{3(x+y)-2(5x-2y)}{6} \\
 & = \frac{3x+3y-10x+4y}{6} \\
 & = \underline{\frac{-7x+7y}{6}}
 \end{aligned}$$

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

$$\begin{aligned}
 (9) \quad & -a+3b - \frac{2a-b}{5} \\
 & = \frac{-5a+15b-(2a-b)}{5} \\
 & = \frac{-5a+15b-2a+b}{5} \\
 & = \underline{\frac{-7a+16b}{5}}
 \end{aligned}$$

$$\begin{aligned}
 (10) \quad & \frac{a-2b}{3} - 2a-b - \frac{-3a-b}{2} \\
 & = \frac{2(a-2b)-12a-6b-3(-3a-b)}{6} \\
 & = \frac{2a-4b-12a-6b+9a+3b}{6} \\
 & = \underline{\frac{-a-7b}{6}}
 \end{aligned}$$