

氏名 () 点数 _____

$$\begin{aligned} (1) \quad & (-2) \times 3x \times (-4) \\ & = (2 \times 3 \times 4) \times x \\ & = \underline{24x} \end{aligned}$$

$$\begin{aligned} (2) \quad & (-24) \div 6x \\ & = -24 \times \frac{1}{6x} \\ & = \underline{-\frac{4}{x}} \end{aligned}$$

$$\begin{aligned} (3) \quad & \frac{x-1}{3} \times 9 \\ & = 3(x-1) \\ & = \underline{3x-3} \end{aligned}$$

$$\begin{aligned} (4) \quad & \frac{3x-1}{2} \times (-4) \\ & = -2(3x-1) \\ & = \underline{-6x+2} \end{aligned}$$

$$\begin{aligned} (5) \quad & (6x-8) \div 2 \\ & = \underline{3x-4} \end{aligned}$$

$$\begin{aligned} (6) \quad & (12a-8) \div \left(-\frac{4}{3}\right) \\ & = (12a-8) \times \left(-\frac{3}{4}\right) \\ & = -12a \times \frac{3}{4} + 8 \times \frac{3}{4} \\ & = \underline{-9a+6} \end{aligned}$$

$$\begin{aligned} (7) \quad & -4\left(\frac{1}{2}x - \frac{1}{4}\right) \\ & = -4 \times \frac{1}{2}x + 4 \times \frac{1}{4} \\ & = \underline{-2x+1} \end{aligned}$$

$$\begin{aligned} (8) \quad & \left(\frac{1}{2}x - 6\right) \div (-2) \\ & = \left(\frac{1}{2}x - 6\right) \times \left(-\frac{1}{2}\right) \\ & = -\left(\frac{1}{2} \times \frac{1}{2}x\right) + 6 \times \frac{1}{2} \\ & = \underline{-\frac{1}{4}x+3} \end{aligned}$$

$$\begin{aligned} (9) \quad & 12\left(\frac{2x+3}{2} - \frac{x-4}{6}\right) \\ & = 12 \times \frac{(2x+3)}{2} - 12 \times \frac{(x-4)}{6} \\ & = 6(2x+3) - 2(x-4) \\ & = 12x+18-2x+8 \\ & = \underline{10x+26} \end{aligned}$$

$$\begin{aligned} (10) \quad & 6\left(\frac{x+3}{2} - \frac{x-2}{3}\right) \\ & = 6 \times \frac{(x+3)}{2} - 6 \times \frac{(x-2)}{3} \\ & = 3(x+3) - 2(x-2) \\ & = 3x+9-2x+4 \\ & = \underline{x+13} \end{aligned}$$