

文字式 いろいろな計算 1

NO.1

名前

/8

点

■ 次の式を計算しなさい。

(1) $(-5x - 7) \div 6$

(2) $(-12x - 9) \div (-5)$

(3) $\frac{2x + 4}{3} \times 12 - \frac{3x + 5}{4} \times 12$

(4) $12 \left(\frac{3}{4}x - \frac{5}{6} \right)$

(5) $2(-5x + 6) - 3(-x + 2)$

(6) $4(2x - 3) - 3(x - 4)$

(7) $\frac{3x - 2}{2} - \frac{4x - 3}{5}$

(8) $\frac{x + 1}{2} + \frac{x - 2}{3}$

解答

$$(1) \quad \frac{5}{6}x - \frac{7}{6}$$

$$(2) \quad -\frac{12}{5}x + \frac{9}{5}$$

$$\begin{aligned}(3) \quad & (2x + 4) \times 4 - (3x + 5) \times 3 \\&= 8x + 16 - 9x - 15 \\&= -x + 1\end{aligned}$$

$$(4) \quad 9x - 10$$

$$\begin{aligned}(5) \quad & 10x + 12 + 3x - 6 \\&= 13x + 6\end{aligned}$$

$$\begin{aligned}(6) \quad & 8x - 12 - 3x + 12 \\&= 5x\end{aligned}$$

$$\begin{aligned}(7) \quad & \frac{(3x - 2) \times 5}{2 \times 5} - \frac{(4x - 3) \times 2}{5 \times 2} \\&= \frac{15x - 10 - 8x + 6}{10} \\&= \frac{7x - 4}{10}\end{aligned}$$

$$\begin{aligned}(8) \quad & \frac{(x + 1) \times 3}{2 \times 3} + \frac{(x - 2) \times 2}{3 \times 2} \\&= \frac{3x + 3 + 2x - 4}{6} \\&= \frac{5x - 1}{6}\end{aligned}$$