

文字式の乗除 ()を外す

NO.2

名前

/9 点

■ 次の式を計算しなさい。

(1) $(21x - 9) \div 3$

(2) $(20x - 12) \div (-4)$

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

(4) $20 \left(\frac{2a - 1}{4} \right)$

(5) $3(x - 2) + 5(3x + 4)$

(6) $5(a - 3) - 4(2a + 3)$

(7) $-4(x + 6) + 2(8x - 5)$

(8) $6(x - 4) - 5(3x - 6)$

(9) $-3a - 5(3 - 6a)$

解答

$$(1) \quad 7x - 3$$

$$(2) \quad -5x + 3$$

$$(3) \quad \frac{2x + 4}{3} \times (-12) = -8x - 16$$

$$(4) \quad 20 \left(\frac{2a - 1}{4} \right) = 10a - 5$$

$$\begin{aligned}(5) \quad & 3(x - 2) + 5(3x + 4) \\ &= 3x - 6 + 15x + 20 \\ &= 18x + 14\end{aligned}$$

$$\begin{aligned}(6) \quad & 5(a - 3) - 4(2a + 3) \\ &= 5a - 15 - 8a - 12 \\ &= -3a - 27\end{aligned}$$

$$\begin{aligned}(7) \quad & -4(x + 6) + 2(8x - 5) \\ &= -4x - 24 + 16x - 10 \\ &= 12x - 34\end{aligned}$$

$$\begin{aligned}(8) \quad & 6(x - 4) - 5(3x - 6) \\ &= 6x - 24 - 15x + 30 \\ &= -9x + 6\end{aligned}$$

$$\begin{aligned}(9) \quad & -3a - 5(3 - 6a) \\ &= -3a - 15 + 30a \\ &= 27a - 15\end{aligned}$$