

文字式の乗除 ()を外す

NO.1

名前

/9 点

■ 次の式を計算しなさい。

(1) $(12x + 18) \div 6$

(2) $(15x + 10) \div (-5)$

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

(4) $6 \left(\frac{4a - 3}{3} \right)$

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

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

(7) $-3(x + 2) + 4(6x - 3)$

(8) $5(x - 3) - 7(2x - 4)$

(9) $6a - 7(2 - 4a)$

解答

$$(1) \quad 2x + 3$$

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

$$(3) \quad \frac{3x + 5}{2} \times 12 = 18x + 30$$

$$(4) \quad 6 \left(\frac{4a - 3}{3} \right) = 8a - 6$$

$$(5) \quad \begin{aligned} & 3(x - 6) + 4(2x + 5) \\ &= 3x - 18 + 8x + 20 \\ &= 11x + 2 \end{aligned}$$

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

$$(7) \quad \begin{aligned} & -3(x + 2) + 4(6x - 3) \\ &= -3x - 6 + 24x - 12 \\ &= 21x - 18 \end{aligned}$$

$$(8) \quad \begin{aligned} & 5(x - 3) - 7(2x - 4) \\ &= 5x - 15 - 14x + 28 \\ &= -9x + 13 \end{aligned}$$

$$(9) \quad \begin{aligned} & 6a - 7(2 - 4a) \\ &= 6a - 14 + 28a \\ &= 34a - 14 \end{aligned}$$