

1、次の方程式を解きなさい。

(1) $3(x - 2) = x + 12$

$$3x - 6 = x + 12$$

$$2x = 18$$

$$\therefore x = 9$$

(2) $2(x + 4) = 5(x + 1)$

$$2x + 8 = 5x + 5$$

$$-3x = -3$$

$$\therefore x = 1$$

(3) $8(2x + 1) = 4(x - 4)$

$$16x + 8 = 4x - 16$$

$$12x = -24$$

$$\therefore x = -2$$

(4) $2(3x - 1) = x + 8$

$$6x - 2 = x + 8$$

$$5x = 10$$

$$\therefore x = 2$$

(5) $2(x + 3) = x + 11$

$$2x + 6 = x + 11$$

$$\therefore x = 5$$