

【1】 次の方程式を解きなさい。

$$(1) \quad 2(x+4) = 5(x-1)$$

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

$$-3x = -13$$

$$\therefore x = \frac{13}{3}$$

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

$$16x + 8 = 4x - 12$$

$$12x = -20$$

$$x = -\frac{20}{12} \times \frac{5}{3} \quad \therefore x = -\frac{5}{3}$$

$$(3) \quad 5(x+1) = 3x-8$$

$$5x + 5 = 3x - 8$$

$$2x = -13$$

$$\therefore x = -\frac{13}{2}$$

$$(4) \quad \frac{1}{3}(3x-12) = 2x+8$$

$$3x - 12 = 6x + 24 \quad \left. \begin{array}{l} \\ \end{array} \right\} \times 3$$

$$-3x = 36$$

$$\therefore x = -12$$

$$(5) \quad \frac{1}{2}(4x-8) = 5x+2$$

$$4x - 8 = 10x + 4 \quad \left. \begin{array}{l} \\ \end{array} \right\} \times 2$$

$$-6x = 12$$

$$\therefore x = -2$$

$$(6) \quad 2\left(4x + \frac{1}{2}\right) = \frac{3}{4}(8x - 12)$$

$$8x + 1 = 6x - 9$$

$$2x = -10 \quad \therefore x = -5$$

YouTubeチャンネルも見てね▶ 『ふじわら塾長』で検索!!

