

【中1 数学 | 方程式】

【1】 次の方程式を解きなさい。

$$(1) \quad 2x + 5 = 8x + 4$$

$$-6x = -1$$

$$\therefore x = \frac{1}{6}$$

$$(4) \quad 14 - 15x = 8 - 13x$$

$$-2x = -6$$

$$\therefore x = 3$$

$$(2) \quad 3x - 7 = -2x + 9$$

$$5x = 16$$

$$\therefore x = \frac{16}{5}$$

$$(5) \quad 23 + 9x = 3 - 6x$$

$$15x = -20$$

$$x = -\frac{20}{15} = -\frac{4}{3}$$

$$(3) \quad 9x - 8 = 5x + 6$$

$$4x = 14$$

$$x = \frac{14}{4} = \frac{7}{2}$$

$$(6) \quad 17 - 6x = 8x - 4$$

$$-14x = -21$$

$$x = \frac{21}{14} = \frac{3}{2}$$

【2】 次の方程式を解きなさい。

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

$$2x + 2 = 3x + 4$$

$$-x = 2$$

$$\therefore x = -2$$

$$(4) \quad 9 - 2(x - 4) = 3x + 7$$

$$9 - 2x + 8 = 3x + 7$$

$$-5x = -10$$

$$\therefore x = 2$$

$$(2) \quad 4(x - 3) = 2x - 11$$

$$4x - 12 = 2x - 11$$

$$2x = 1$$

$$\therefore x = \frac{1}{2}$$

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

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

$$\therefore x = 5$$

$$(3) \quad 3(x - 1) + 5 = 11 + 2(x - 1)$$

$$3x - 3 + 5 = 11 + 2x - 2$$

$$\therefore x = 7$$

$$(6) \quad 3(x - 2) = x + 12$$

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

$$2x = 18$$

$$\therefore x = 9$$

YouTubeチャンネルも見てね▶ 『ふじわら塾長』で検索!!

