

【中1 数学 | 方程式】

【1】 次の方程式を解きなさい。

(1) $3x + 5 = 7$

$$3x = 2$$

$$\therefore x = \frac{2}{3}$$

(2) $4x - 7 = 8$

$$4x = 15$$

$$\therefore x = \frac{15}{4}$$

(3) $\frac{1}{2}x - 6 = -1$

$$\frac{1}{2}x = 5$$

$$\therefore x = 10$$

【2】 次の方程式を解きなさい。

(1) $2x = x - 11$

$$x = -11$$

(2) $5x = 8x + 24$

$$-3x = 24$$

$$\therefore x = -8$$

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

$$2x = 8$$

$$\therefore x = 4$$

(4) $\frac{4}{3}x + 7 = -2$

$$\frac{4}{3}x = -9$$

$$x = -9 \times \frac{3}{4}$$

$$\therefore x = -\frac{27}{4}$$

(5) $9 - 8x = 11$

$$-8x = 2$$

$$\therefore x = -\frac{1}{4}$$

(6) $16 - 9x = -23$

$$-9x = -39$$

$$x = \frac{39}{9}$$

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

(4) $2x + 15 = -x$

$$3x = -15$$

$$\therefore x = -5$$

(5) $8x = 2x + 9$

$$6x = 9$$

$$x = \frac{9}{6}$$

$$\therefore x = \frac{3}{2}$$

(6) $3x = 18 - 5x$

$$8x = 18$$

$$x = \frac{18}{8}$$

$$\therefore x = \frac{9}{4}$$

YouTubeチャンネルも見てね▶ 『ふじわら塾長』で検索!!

