【１】次の方程式を解きなさい。

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

$2x = -1$

$\therefore x = -\dfrac{1}{2}$

(2) $3 - 2x = 3x - 17$

$-5x = -20$

$\therefore x = 4$

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

$8x - 2 = 3x + 6$

$5x = 8$

$\therefore x = \dfrac{8}{5}$

(4) $0.2(x + 4) = x - 1.2$

$2(x + 4) = 10x - 12 \quad \times 10$

$2x + 8 = 10x - 12$

$-8x = -20$

$x = \dfrac{20}{8} \quad \dfrac{5}{2}$

$\therefore x = \dfrac{5}{2}$

(5) $-5(2x + 3) + 6x = 8x + 21$

$-10x - 15 + 6x = 8x + 21$

$-12x = 36$

$\therefore x = -3$

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

$3(x + 2) = 2(4x - 7) \quad \times 6$

$3x + 6 = 8x - 14$

$-5x = -20$

$\therefore x = 4$

(7) $\dfrac{x - 1}{2} + \dfrac{x}{3} = 1$

$3(x - 1) + 2x = 6 \quad \times 6$

$3x - 3 + 2x = 6$

$5x = 9$

$\therefore x = \dfrac{9}{5}$

(8) $\dfrac{2 - 5x}{3} + 3 = \dfrac{7x - 3}{9}$

$3(2 - 5x) + 27 = 7x - 3 \quad \times 9$

$6 - 15x + 27 = 7x - 3$

$-22x = -36$

$\therefore x = \dfrac{36}{22}$

YouTubeチャンネルも見てね▶『ふじわら塾長』で検索!!