
一次方程式の解き方 (小数をふくむ)

NO.1

学習日 月 日

名前

/ 点

■ 次の方程式を解きなさい。

$$(1) \quad 0.3x + 0.5 = 1.4$$

$$(2) \quad 0.5x - 1.2 = 0.3x$$

$$(3) \quad 0.2x + 1 = 0.6x - 3$$

$$(4) \quad 1.2x - 0.5 = 1.9$$

$$(5) \quad 0.07x + 0.1 = 0.02x + 0.35$$

$$(6) \quad 0.8x + 1.5 = 0.3x + 5$$

解答

$$\begin{aligned}(1) \quad & 0.3 \ x + 0.5 = 1.4 \\ & 3 \ x + 5 = 14 \\ & 3 \ x = 14 - 5 \\ & 3 \ x = 9 \\ & x = 3\end{aligned}$$

$$\begin{aligned}(2) \quad & 0.5 \ x - 1.2 = 0.3 \ x \\ & 5 \ x - 12 = 3 \ x \\ & 5 \ x - 3 \ x = 12 \\ & 2 \ x = 12 \\ & x = 6\end{aligned}$$

$$\begin{aligned}(3) \quad & 0.2 \ x + 1 = 0.6 \ x - 3 \\ & 2 \ x + 10 = 6 \ x - 30 \\ & 2 \ x - 6 \ x = -30 - 10 \\ & -4 \ x = -40 \\ & x = 10\end{aligned}$$

$$\begin{aligned}(4) \quad & 1.2 \ x - 0.5 = 1.9 \\ & 12 \ x - 5 = 19 \\ & 12 \ x = 19 + 5 \\ & 12 \ x = 24 \\ & x = 2\end{aligned}$$

$$\begin{aligned}(5) \quad & 0.07 \ x + 0.1 = 0.02 \ x + 0.35 \\ & 7 \ x + 10 = 2 \ x + 35 \\ & 7 \ x - 2 \ x = 35 - 10 \\ & 5 \ x = 25 \\ & x = 5\end{aligned}$$

$$\begin{aligned}(6) \quad & 0.8 \ x + 1.5 = 0.3 \ x + 5 \\ & 8 \ x + 15 = 3 \ x + 50 \\ & 8 \ x - 3 \ x = 50 - 15 \\ & 5 \ x = 35 \\ & x = 7 \\ & x = 8\end{aligned}$$