
一次方程式の解き方 (総合)

NO.1

学習日 月 日

名前

/ 点

■ 次の方程式を解きなさい。

$$(1) \quad 3x - 5 = 2x + 4$$

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

$$(3) \quad 0.3x + 0.8 = 0.5x$$

$$(4) \quad \frac{x}{2} - 2 = \frac{x}{6}$$

$$(5) \quad \frac{x - 1}{3} = 2$$

解答

$$\begin{aligned}
 (1) \quad & 3x - 5 = 2x + 4 \\
 & 3x - 2x = 4 + 5 \\
 & x = 9
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad & 2(x - 4) = 3x - 11 \\
 & 2x - 8 = 3x - 11 \\
 & 2x - 3x = -11 + 8 \\
 & -x = -3 \\
 & x = 3
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad & 0.3x + 0.8 = 0.5x \\
 & 3x + 8 = 5x \\
 & 3x - 5x = -8 \\
 & -2x = -8 \\
 & x = 4
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad & \frac{x}{2} - 2 = \frac{x}{6} \\
 & 3x - 12 = x \\
 & 3x - x = 12 \\
 & 2x = 12 \\
 & x = 6
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad & \frac{x - 1}{3} = 2 \\
 & x - 1 = 6 \\
 & x = 7
 \end{aligned}$$