

単元別演習 【中1 数学 | 方程式】

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1、次の方程式を解きなさい。

$$(1) \frac{3}{4}x - 1 = 2 \quad \begin{array}{l} 3x - 4 = 8 \\ 3x = 12 \\ \therefore x = 4 \end{array}$$

$$(2) \frac{1}{2}x - 3 = 12 \quad \begin{array}{l} x - 6 = 24 \\ \therefore x = 30 \end{array}$$

$$(3) \frac{4}{3}x - \frac{2}{3} = 2 \quad \begin{array}{l} 4x - 2 = 6 \\ 4x = 8 \\ \therefore x = 2 \end{array}$$

$$(4) 0.1x + 0.3 = 1.8 \quad \begin{array}{l} x + 3 = 18 \\ \therefore x = 15 \end{array}$$

$$(5) 0.1x - 0.3 = 0.2x + 1.2 \quad \begin{array}{l} x - 3 = 2x + 12 \\ -x = 15 \\ \therefore x = -15 \end{array}$$

$$(6) \frac{1}{2}x - 1 = \frac{1}{3}x + \frac{5}{2} \quad \begin{array}{l} 3x - 6 = 2x + 15 \\ \therefore x = 21 \end{array}$$