

単元別演習 【中1 数学 | 方程式】

オンライン数学克服塾

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1、次の方程式を解きなさい。

(1) $2(x + 1) = 3x + 4$

$$2x + 2 = 3x + 4$$

$$-x = 2$$

$$\therefore x = -2$$

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

$$4x - 12 = 2x - 11$$

$$2x = 1$$

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

(3) $3(x - 1) + 5 = 11 + 2(x - 1)$

$$3x - 3 + 5 = 11 + 2x - 2$$

$$\therefore x = 7$$

(4) $9 - 2(x - 4) = 3x + 7$

$$9 - 2x + 8 = 3x + 7$$

$$-5x = -10$$

$$\therefore x = 2$$

(5) $2(x + 3) = x + 11$

$$2x + 6 = x + 11$$

$$\therefore x = 5$$