

1次方程式 ⑥

P78

次の方程式を解きなさい。

$$(1) 6x - 12 = 3x$$

$$6x - 3x = 12$$

$$3x = 12$$

$$x = 4$$

$$(5) 3 + 7x = 4x - 6$$

$$7x - 4x = -6 - 3$$

$$3x = -9$$

$$x = -3$$

$$(2) 7x - 3 = 5x + 7$$

$$7x - 5x = 7 + 3$$

$$2x = 10$$

$$x = 5$$

$$(6) 8 + 2x = 3x - 1$$

$$2x - 3x = -1 - 8$$

$$-x = -9$$

$$x = 9$$

$$(3) 5x + 15 = -2x + 1$$

$$5x + 2x = 1 - 15$$

$$7x = -14$$

$$x = -2$$

$$(7) 2(x - 5) + 1 = 7$$

$$2x - 10 + 1 = 7$$

$$2x - 9 = 7$$

$$2x = 7 + 9$$

$$2x = 16$$

$$x = 8$$

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

$$-3x - x = 4 - 2$$

$$-4x = 2$$

$$x = -\frac{2}{4}$$

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

$$(8) 4x - 7(x + 2) = -5$$

$$4x - 7x - 14 = -5$$

$$-3x = 9$$

$$x = -3$$