

1 次の方程式を解きなさい。

①  $0.2x - 0.7 = -0.5$

②  $0.6x - 0.3 = -1.5$

③  $-0.07 + 0.07x = -0.21$

④  $0.02x - 0.09 = -0.07x + 0.18$

1 次の方程式を解きなさい。

$$\textcircled{1} \quad 0.2x - 0.7 = -0.5$$

$$(0.2x - 0.7) \times 10 = -0.5 \times 10$$

$$2x - 7 = -5$$

$$2x = -5 + 7$$

$$2x = 2$$

$$x = 1$$

$$\textcircled{2} \quad 0.6x - 0.3 = -1.5$$

$$(0.6x - 0.3) \times 10 = -1.5 \times 10$$

$$6x - 3 = -15$$

$$6x = -15 + 3$$

$$6x = -12$$

$$x = -2$$

$$\textcircled{3} \quad -0.07 + 0.07x = -0.21$$

$$(-0.07 + 0.07x) \times 100 = -0.21 \times 100$$

$$-7 + 7x = -21$$

$$7x = -21 + 7$$

$$7x = -14$$

$$x = -2$$

$$\textcircled{4} \quad 0.02x - 0.09 = -0.07x + 0.18$$

$$(0.02x - 0.09) \times 100 = (-0.07x + 0.18) \times 100$$

$$2x - 9 = -7x + 18$$

$$2x + 7x = 18 + 9$$

$$9x = 27$$

$$x = 3$$