

1 次の方程式を解きなさい。

① $0.2x - 0.1 = 0.7$

② $0.4x - 0.7 = 1.3$

③ $-0.06 - 0.07x = -0.34$

④ $-0.03x - 0.11 = -0.12x + 0.16$

1 次の方程式を解きなさい。

$$\textcircled{1} \quad 0.2x - 0.1 = 0.7$$

$$(0.2x - 0.1) \times 10 = 0.7 \times 10$$

$$2x - 1 = 7$$

$$2x = 7 + 1$$

$$2x = 8$$

$$x = 4$$

$$\textcircled{2} \quad 0.4x - 0.7 = 1.3$$

$$(0.4x - 0.7) \times 10 = 1.3 \times 10$$

$$4x - 7 = 13$$

$$4x = 13 + 7$$

$$4x = 20$$

$$x = 5$$

$$\textcircled{3} \quad -0.06 - 0.07x = -0.34$$

$$(-0.06 - 0.07x) \times 100 = -0.34 \times 100$$

$$-6 - 7x = -34$$

$$-7x = -34 + 6$$

$$-7x = -28$$

$$x = 4$$

$$\textcircled{4} \quad -0.03x - 0.11 = -0.12x + 0.16$$

$$(-0.03x - 0.11) \times 100 = (-0.12x + 0.16) \times 100$$

$$-3x - 11 = -12x + 16$$

$$-3x + 12x = 16 + 11$$

$$9x = 27$$

$$x = 3$$