

第54回 複雑な方程式の解き方 講義編 2

解答

$$\textcircled{1} \quad 0.2(x-4) - 0.3(2x-1) = 1.5$$

$$2(x-4) - 3(2x-1) = 15$$

$$2x - 8 - 6x + 3 = 15$$

$$-4x = 15 + 5$$

$$x = -5$$

$$\textcircled{2} \quad 0.3(2x+1) + 0.2(3x-2) = 1.1$$

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

$$6x + 3 + 6x - 4 = 11$$

$$12x = 11 + 1$$

$$x = 1$$

$$\textcircled{3} \quad \frac{1}{2}(x-1) + \frac{1}{4}(2x-3) = \frac{3}{4}$$

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

$$2x - 2 + 2x - 3 = 3$$

$$4x = 3 + 5$$

$$x = 2$$