

氏名 () 点数 _____

$$\begin{aligned}(1) \quad & 0.1 - 0.2x = 1.1 \\ & 1 - 2x = 11 \\ & -2x = 11 - 1 \\ & -2x = 10 \\ & \underline{x = -5}\end{aligned}$$

$$\begin{aligned}(2) \quad & -0.2 - 0.3x = 0.4 \\ & -2 - 3x = 4 \\ & -3x = 4 + 2 \\ & -3x = 6 \\ & \underline{x = -2}\end{aligned}$$

$$\begin{aligned}(3) \quad & 0.5x - 1.2 = 1.6 - 0.3x \\ & 5x - 12 = 16 - 3x \\ & 5x + 3x = 16 + 12 \\ & 8x = 28 \\ & x = \frac{28}{8} \\ & \underline{x = \frac{7}{2}}\end{aligned}$$

$$\begin{aligned}(4) \quad & -0.3x + 0.6 = 0.7 - 0.1x + 0.5 \\ & -3x + 6 = 7 - x + 5 \\ & -3x + x = 7 + 5 - 6 \\ & -2x = 6 \\ & \underline{x = -3}\end{aligned}$$

$$\begin{aligned}(5) \quad & 0.5x - 0.04 = 0.12x + 0.72 \\ & 50x - 4 = 12x + 72 \\ & 50x - 12x = 72 + 4 \\ & 38x = 76 \\ & x = 2\end{aligned}$$

$$\begin{aligned}(6) \quad & 0.21x - 0.4 = 0.16x - 0.6 \\ & 21x - 40 = 16x - 60 \\ & 21x - 16x = -60 + 40 \\ & 5x = -20 \\ & x = -4\end{aligned}$$

$$\begin{aligned}(7) \quad & 0.3 + 2.7x = 1.2(2x - 1) \\ & 3 + 27x = 12(2x - 1) \\ & 3 + 27x = 24x - 12 \\ & 27x - 24x = -12 - 3 \\ & 3x = -15 \\ & \underline{x = -5}\end{aligned}$$

$$\begin{aligned}(8) \quad & 6(0.2x - 0.1) = 1.2 + 3x \\ & 6(2x - 1) = 12 + 30x \\ & 12x - 6 = 12 + 30x \\ & 12x - 30x = 12 + 6 \\ & -18x = 18 \\ & \underline{x = -1}\end{aligned}$$

$$\begin{aligned}(9) \quad & 0.05(4x - 5) = 13(0.02x + 0.05) \\ & 5(4x - 5) = 13(2x + 5) \\ & 20x - 25 = 26x + 65 \\ & 20x - 26x = 65 + 25 \\ & -6x = 90 \\ & \underline{x = -15}\end{aligned}$$

$$\begin{aligned}(10) \quad & -(0.3x - 0.2) = 0.05(x + 6) - 1 \\ & -(30x - 20) = 5(x + 6) - 100 \\ & -30x + 20 = 5x + 30 - 100 \\ & -30x - 5x = 30 - 100 - 20 \\ & -35x = -90 \\ & x = \frac{90}{35} \\ & \underline{x = \frac{18}{7}}\end{aligned}$$