

/	NAME
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中2 連立方程式 計算総合NO 3

枚目	mistake

解説6

$$\textcircled{1} \begin{cases} 2x - \frac{y-1}{3} = 6 \\ \frac{x+2}{4} - \frac{y-4}{6} = 1 \end{cases}$$

$$\begin{aligned} -6x - y + 1 &= 18 \\ -6x - y &= 17 \end{aligned}$$

$$\begin{aligned} 3x + 6 - 2y + 8 &= 12 \\ -3x - 2y &= -2 \end{aligned}$$

$$\begin{aligned} 6x - y &= 17 \\ -6x - 4y &= -4 \\ \hline 3y &= 21 \\ y &= 7 \end{aligned}$$

$$x=4, y=7$$

解説3

$$\textcircled{5} \begin{cases} 2(x+y) - x = 3 \\ x + 3(x-2y) = 5 \end{cases}$$

解説2

$$\textcircled{2} \begin{cases} 3x - 2y = 8 \\ 4x + 5y = 3 \end{cases}$$

$$x=2, y=-1$$

解説4

$$\textcircled{6} \begin{cases} x - \frac{y}{2} = 4 \\ \frac{x}{2} + \frac{y}{3} = \frac{5}{6} \end{cases}$$

解説5

$$\textcircled{3} \begin{cases} 8x + y = -1 \\ y = -6x + 3 \end{cases}$$

$$x=-2, y=15$$

解説3

$$\textcircled{7} \begin{cases} 0.5x + 0.4y = 4.9 \\ 0.02x + 0.03y = 0.28 \end{cases}$$

解説7

$$\textcircled{4} \begin{cases} y = 13 - x \\ y = 6x + 6 \end{cases}$$

$$x=1, y=12$$

解説4

$$\textcircled{8} \begin{cases} \frac{x}{3} + \frac{y}{4} = \frac{5}{12} \\ 0.1x - 0.3y = -1 \end{cases}$$

解説3

$$x=2, y=\frac{1}{2}$$

$$x=3, y=-2$$

$$x=5, y=6$$

$$x=-1, y=3$$