

/	NAME
/	

中2 連立方程式 計算総合NO 1

枚目	mistake

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

 解説3

$2x+8 = 3y-3$
 $\cdot 2x-3y = -11$
 $4x+4+3=2x-y$
 $\cdot 2x+y = -7$
 $2x-3y = -11$
 $-) 2x+y = -7$
 $-4y = -4$
 $y = 1$

$x = -4, y = 1$

解説3
 ⑤
$$\begin{cases} 2(x+1)+y=1 \\ 3x-2(2y-1)=-5 \end{cases}$$

$x = -1, y = 1$

解説2
 ②
$$\begin{cases} 5x+4y=49 \\ 2x+3y=28 \end{cases}$$

$x = 5, y = 6$

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

$x = 4, y = -3$

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

$2x-3y = 7$
 $10x+6y = 94$
 $4x-6y = 14$
 $) 10x+6y = 94$
~~4x~~ $54x = 108$
 $x = 2$
 $2x-3y = 7$
 $4-3y = 7$
 $-3y = 3$
 $y = -1$

$x = 2, y = -1$

解説7
 ④
$$\begin{cases} y=x+4 \\ y=-x-2 \end{cases}$$

$x = -3, y = 1$

解説4
 ⑧
$$\begin{cases} \frac{1}{3}x + \frac{1}{9}y = 1 \\ 0.3x + 0.2y = 1.2 \end{cases}$$

 解説3

$x = 2, y = 3$