

## 中2数学 連方方

【1】 次の連立方程式を解きなさい。

(1) 
$$\begin{cases} 2(x+2y) - 3(x-y) = 4 - 0 \\ 3(x+2y) - 3(x-y) = 1 - 2 \end{cases}$$

(2) 
$$\begin{cases} 4x + 3y = 30 - 0 \\ x: y = 3: 2 - 0 \end{cases}$$

① 
$$2x + 4y - 3x + 3y = 4$$
 $-x + 7y = 4 - 0$ 
 $-x + \frac{7}{9} = 4$ 

Q(c2=5を代入

$$\chi=5$$
,  $\gamma=\frac{70}{3}$ 

(3) 
$$\frac{4}{x-1} + \frac{7}{y} = 1$$
,  $\frac{5}{x-1} - \frac{2}{y} = 12^{-3}$ 

$$\left(\frac{8}{2-1} + \frac{14}{9} = 2\right) + \left(\frac{35}{2-1} - \frac{14}{9} = 84\right)$$

$$\frac{4}{9} = 2 + (\frac{2}{2-1} - \frac{1}{9}) = 84$$

$$\frac{3}{3} - 1 - \frac{3}{9} - 2 = 2$$

$$\frac{5 \times 2}{\frac{1}{2} \times 2} - \frac{2}{9} = 12$$

$$-2 = 2$$

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$$=\frac{45}{\chi-1}=86$$

$$\frac{1}{2}$$
  $\frac{1}{2}$   $\frac{1}$ 

ような定数a, bの値を求めなさい。《帝塚山泉ヶ丘高》

$$-\frac{12+3y=-4}{2+2y=-1}$$

$$\frac{1}{y}=-3$$

$$\begin{cases} 10a - 3b = 4 - x^{3} & \text{(2)} \\ -3a + 5b & = 7 - x0 \end{cases}$$

$$\chi + 3x(-3) = -4$$
  
 $\chi - 9 = -4$ 

$$\begin{array}{c|c} 30a - 9b = (2 \\ + 30a + 50b = 70 \\ \hline 41b = 82 \end{array}$$

$$b = 2ERX$$
 $10a - 6 = 4$ 
 $10a = 10$ 

a =1

 $\chi = 5$ . YouTubeチャンネルも見てね $\blacktriangleright$ 『ふじわら塾長』で検索!!

