

開始日	終了日	解説	連立方程式計算問題 加減法－基本問題 2A	NAME	2
/	/	NO1			

$$\textcircled{1} \begin{cases} (y) \begin{cases} 2x - 3y = 4 & \dots \textcircled{1} \\ 7x - 6y = 5 & \dots \textcircled{2} \end{cases} \end{cases}$$

$$\textcircled{2} \begin{cases} (x) \begin{cases} 15x + 8y = -14 & \dots \textcircled{1} \\ 5x - 3y = -16 & \dots \textcircled{2} \end{cases} \end{cases}$$

$$\textcircled{3} \begin{cases} (y) \begin{cases} 5x + 8y = -25 & \dots \textcircled{1} \\ 2x - y = 11 & \dots \textcircled{2} \end{cases} \end{cases}$$

$$\textcircled{4} \begin{cases} (x) \begin{cases} 2x - 3y = 22 & \dots \textcircled{1} \\ 8x - 2y = -12 & \dots \textcircled{2} \end{cases} \end{cases}$$

$$\textcircled{1} \times 2 - \textcircled{2}$$

$$\textcircled{1} - \textcircled{2} \times 3$$

$$\textcircled{1} + \textcircled{2} \times 8$$

$$\textcircled{1} \times 4 - \textcircled{2}$$

$$4x - 6y = 8$$

$$15x + 8y = -14$$

$$5x + 8y = -25$$

$$8x - 12y = 88$$

$$- ) \quad 7x - 6y = 5$$

$$- ) \quad 15x - 9y = -48$$

$$+ ) \quad 16x - 8y = 88$$

$$- ) \quad 8x - 2y = -12$$

$$-3x = 3$$

$$17y = 34$$

$$21x = 63$$

$$-10y = 100$$

$$x = -1$$

$$y = 2$$

$$x = 3$$

$$y = -10$$

$x = -1$ を①に代入する

$y = 2$ を②に代入する

$x = 3$ を②に代入すると

$y = -10$ を①に代入すると

$$2x - 3y = 4$$

$$5x - 3y = -16$$

$$2x - y = 11$$

$$2x - 3y = 22$$

$$2 \times -1 - 3y = 4$$

$$5x - 3 \times 2 = -16$$

$$2 \times 3 - y = 11$$

$$2x - 3 \times -10 = 22$$

$$-2 - 3y = 4$$

$$5x - 6 = -16$$

$$6 - y = 11$$

$$2x + 30 = 22$$

$$-3y = 6$$

$$5x = -10$$

$$-y = 5$$

$$2x = -8$$

$$y = -2$$

$$x = -2$$

$$y = -5$$

$$x = -4$$

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

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

$$x = 3, y = -5$$

$$x = -4, y = -10$$

$$\textcircled{5} \begin{cases} (x) \begin{cases} 3x - 4y = -2 & \dots \textcircled{1} \\ 9x - 10y = 10 & \dots \textcircled{2} \end{cases} \end{cases}$$

$$\textcircled{6} \begin{cases} (y) \begin{cases} 2x - 4y = 3 & \dots \textcircled{1} \\ -5x + 8y = -7 & \dots \textcircled{2} \end{cases} \end{cases}$$

$$\textcircled{7} \begin{cases} (y) \begin{cases} 3x + 2y = 20 & \dots \textcircled{1} \\ x + y = 9 & \dots \textcircled{2} \end{cases} \end{cases}$$

$$\textcircled{8} \begin{cases} (x) \begin{cases} 9x + 4y = 16 & \dots \textcircled{1} \\ 3x + 5y = -13 & \dots \textcircled{2} \end{cases} \end{cases}$$

$$\textcircled{1} \times 3 - \textcircled{2}$$

$$\textcircled{1} \times 2 + \textcircled{2}$$

$$\textcircled{1} - \textcircled{2} \times 2$$

$$\textcircled{1} - \textcircled{2} \times 3$$

$$9x - 12y = -6$$

$$4x - 8y = 6$$

$$3x + 2y = 20$$

$$9x + 4y = 16$$

$$- ) \quad 9x - 10y = 10$$

$$+ ) \quad -5x + 8y = -7$$

$$- ) \quad 2x + 2y = 18$$

$$- ) \quad 9x + 15y = -39$$

$$-2y = -16$$

$$-x = -1$$

$$x = 2$$

$$11y = -55$$

$$y = 8$$

$$x = 1$$

$$x = 2$$

$$y = -5$$

$y = 8$ を①に代入すると

$x = 1$ を①に代入すると

$x = 2$ を②に代入すると

$y = -5$ を①に代入すると

$$3x - 4y = -2$$

$$2x - 4y = 3$$

$$x + y = 9$$

$$9x + 4y = 16$$

$$3x - 4 \times 8 = -2$$

$$2 \times 1 - 4y = 3$$

$$2 + y = 9$$

$$9x + 4 \times -5 = 16$$

$$3x - 32 = -2$$

$$2 - 4y = 3$$

$$y = 7$$

$$9x - 20 = 16$$

$$3x = 30$$

$$-4y = 1$$

$$9x = 36$$

$$x = 10$$

$$y = -\frac{1}{4}$$

$$x = 4$$

$$x = 10, y = 8$$

$$x = 1, y = -\frac{1}{4}$$

$$x = 2, y = 7$$

$$x = 4, y = -5$$