

$$\begin{cases} 4x + y = 10 & \dots \textcircled{1} \\ 5x - 2(3x - y) = -7 & \dots \textcircled{2} \end{cases}$$

$\textcircled{2}$ より

$$5x - 6x + 2y = -7$$

$$-x + 2y = -7$$

$\textcircled{1} \times 2$

$\rightarrow$

$$8x + 2y = 20$$

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$$-9x = -27$$

$$x = 3$$

$x = 3$  を①に代入

$$12 + y = 10$$

$$y = 10 - 12$$

$$y = -2$$

$$\underline{x = 3, y = -2}$$

( )のついでた連立方程式は  
( )をはずして式を整理する。

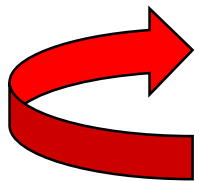
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$$\begin{cases} 4x + 3y = -1 \cdots \textcircled{1} \\ \frac{1}{2}x - \frac{1}{3}y = 2 \cdots \textcircled{2} \end{cases}$$

$$\textcircled{2} \times 6 \quad \left( \frac{1}{2}x - \frac{1}{3}y \right) \times 6 = 2 \times 6$$

$$3x - 2y = 12 \cdots \textcircled{3}$$

$$\begin{cases} 4x + 3y = -1 & \dots \textcircled{1} \\ 3x - 2y = 12 & \dots \textcircled{3} \end{cases}$$



この式を新たにかく必要はない

$$\textcircled{1} \times 2 \quad 8x + 6y = -2$$

$$\textcircled{3} \times 3 \quad +) \quad 9x - 6y = 36$$

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$$17x = 34$$

$$x = 2$$

$x = 2$  を①に代入

$$8 + 3y = -1$$

$$3y = -1 - 8$$

$$3y = -9$$

$$y = -3$$

$$\underline{x = 2, y = -3}$$

係数に分数や小数をふくむ  
連立方程式は、係数が全部  
整数になるように式を変形する！