

1次式の加法と減法

年 組 名前

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■ 次の計算をしなさい。

$$\textcircled{1} \quad \frac{4x-5y}{3} - \frac{3x-y}{4} =$$

$$\textcircled{2} \quad \frac{a+2b}{4} + \frac{5a-6b}{6} =$$

$$\textcircled{3} \quad \frac{x+5y}{3} + \frac{4x-y}{5} =$$

$$\textcircled{4} \quad \frac{6x-y}{6} - \frac{5x+4y}{2} =$$

$$\textcircled{5} \quad \frac{x+3y}{6} - \frac{4x-3y}{15} =$$

$$\textcircled{6} \quad \frac{4x+3y}{16} + \frac{2x-3y}{8} =$$

$$\textcircled{7} \quad \frac{3x-4y}{6} - \frac{6x+5y}{5} =$$

$$\textcircled{8} \quad \frac{5a+b}{15} + \frac{a-3b}{5} =$$

$$\textcircled{9} \quad \frac{3x+y}{14} + \frac{3x+2y}{7} =$$

$$\textcircled{10} \quad \frac{x-2y}{12} - \frac{2x-y}{3} =$$

$$\textcircled{11} \quad \frac{6a-5b}{3} + \frac{3a+5b}{7} =$$

$$\textcircled{12} \quad \frac{5x+6y}{8} - \frac{3x-5y}{7} =$$

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$$\begin{aligned} \textcircled{1} \quad \frac{4x-5y}{3} - \frac{3x-y}{4} &= \frac{16x-20y}{12} - \frac{9x-3y}{12} \\ &= \frac{7x-17y}{12} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad \frac{a+2b}{4} + \frac{5a-6b}{6} &= \frac{3a+6b}{12} + \frac{10a-12b}{12} \\ &= \frac{13a-6b}{12} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad \frac{x+5y}{3} + \frac{4x-y}{5} &= \frac{5x+25y}{15} + \frac{12x-3y}{15} \\ &= \frac{17x+22y}{15} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad \frac{6x-y}{6} - \frac{5x+4y}{2} &= \frac{6x-y}{6} - \frac{15x+12y}{6} \\ &= \frac{-9x-13y}{6} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad \frac{x+3y}{6} - \frac{4x-3y}{15} &= \frac{5x+15y}{30} - \frac{8x-6y}{30} \\ &= \frac{-3x+21y}{30} \\ &= \frac{-x+7y}{10} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad \frac{4x+3y}{16} + \frac{2x-3y}{8} &= \frac{4x+3y}{16} + \frac{4x-6y}{16} \\ &= \frac{8x-3y}{16} \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad \frac{3x-4y}{6} - \frac{6x+5y}{5} &= \frac{15x-20y}{30} - \frac{36x+30y}{30} \\ &= \frac{-21x-50y}{30} \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad \frac{5a+b}{15} + \frac{a-3b}{5} &= \frac{5a+b}{15} + \frac{3a-9b}{15} \\ &= \frac{8a-8b}{15} \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad \frac{3x+y}{14} + \frac{3x+2y}{7} &= \frac{3x+y}{14} + \frac{6x+4y}{14} \\ &= \frac{9x+5y}{14} \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad \frac{x-2y}{12} - \frac{2x-y}{3} &= \frac{x-2y}{12} - \frac{8x-4y}{12} \\ &= \frac{-7x+2y}{12} \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad \frac{6a-5b}{3} + \frac{3a+5b}{7} &= \frac{42a-35b}{21} + \frac{9a+15b}{21} \\ &= \frac{51a-20b}{21} \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad \frac{5x+6y}{8} - \frac{3x-5y}{7} &= \frac{35x+42y}{56} - \frac{24x-40y}{56} \\ &= \frac{11x+82y}{56} \end{aligned}$$