

# 1次式の加法と減法

年 組 名前

/12

■ 次の計算をしなさい。

$$\textcircled{1} \quad \frac{x-2y}{16} - \frac{5x+4y}{8} =$$

$$\textcircled{2} \quad \frac{x+6y}{8} + \frac{5x+2y}{7} =$$

$$\textcircled{3} \quad \frac{a+4b}{4} + \frac{5a+b}{5} =$$

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

$$\textcircled{5} \quad \frac{3a-5b}{16} - \frac{4a-b}{4} =$$

$$\textcircled{6} \quad \frac{4x-3y}{9} + \frac{x-6y}{3} =$$

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

$$\textcircled{8} \quad \frac{x-4y}{3} - \frac{2x+5y}{2} =$$

$$\textcircled{9} \quad \frac{x-5y}{3} - \frac{3x+4y}{4} =$$

$$\textcircled{10} \quad \frac{6x+5y}{6} + \frac{5x-3y}{4} =$$

$$\textcircled{11} \quad \frac{3x+2y}{9} + \frac{4x+3y}{18} =$$

$$\textcircled{12} \quad \frac{5a-b}{5} - \frac{3a-2b}{20} =$$

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$$\begin{aligned} \textcircled{1} \quad \frac{x-2y}{16} - \frac{5x+4y}{8} &= \frac{x-2y}{16} - \frac{10x+8y}{16} \\ &= \frac{-9x-10y}{16} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad \frac{x+6y}{8} + \frac{5x+2y}{7} &= \frac{7x+42y}{56} + \frac{40x+16y}{56} \\ &= \frac{47x+58y}{56} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad \frac{a+4b}{4} + \frac{5a+b}{5} &= \frac{5a+20b}{20} + \frac{20a+4b}{20} \\ &= \frac{25a+24b}{20} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad \frac{5x-4y}{7} - \frac{3x-y}{5} &= \frac{25x-20y}{35} - \frac{21x-7y}{35} \\ &= \frac{4x-13y}{35} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad \frac{3a-5b}{16} - \frac{4a-b}{4} &= \frac{3a-5b}{16} - \frac{16a-4b}{16} \\ &= \frac{-13a-b}{16} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad \frac{4x-3y}{9} + \frac{x-6y}{3} &= \frac{4x-3y}{9} + \frac{3x-18y}{9} \\ &= \frac{7x-21y}{9} \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad \frac{6x-5y}{3} + \frac{x+3y}{5} &= \frac{30x-25y}{15} + \frac{3x+9y}{15} \\ &= \frac{33x-16y}{15} \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad \frac{x-4y}{3} - \frac{2x+5y}{2} &= \frac{2x-8y}{6} - \frac{6x+15y}{6} \\ &= \frac{-4x-23y}{6} \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad \frac{x-5y}{3} - \frac{3x+4y}{4} &= \frac{4x-20y}{12} - \frac{9x+12y}{12} \\ &= \frac{-5x-32y}{12} \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad \frac{6x+5y}{6} + \frac{5x-3y}{4} &= \frac{12x+10y}{12} + \frac{15x-9y}{12} \\ &= \frac{27x+y}{12} \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad \frac{3x+2y}{9} + \frac{4x+3y}{18} &= \frac{6x+4y}{18} + \frac{4x+3y}{18} \\ &= \frac{10x+7y}{18} \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad \frac{5a-b}{5} - \frac{3a-2b}{20} &= \frac{20a-4b}{20} - \frac{3a-2b}{20} \\ &= \frac{17a-2b}{20} \end{aligned}$$