

1次式の加法と減法

____年 ____組 名前 _____

/12

■ 次の計算をなさい。

$$\textcircled{1} \quad \frac{x+4y}{9} - \frac{4x-3y}{8} =$$

$$\textcircled{2} \quad \frac{5a-b}{9} + \frac{3a-4b}{6} =$$

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

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

$$\textcircled{5} \quad \frac{a-3b}{14} + \frac{a+2b}{2} =$$

$$\textcircled{6} \quad \frac{5x+4y}{7} - \frac{2x-y}{2} =$$

$$\textcircled{7} \quad \frac{2x-3y}{4} + \frac{5x+6y}{2} =$$

$$\textcircled{8} \quad \frac{4x-y}{10} - \frac{2x+3y}{4} =$$

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

$$\textcircled{10} \quad \frac{6x+5y}{5} + \frac{3x+5y}{8} =$$

$$\textcircled{11} \quad \frac{a+6b}{6} - \frac{2a+5b}{15} =$$

$$\textcircled{12} \quad \frac{x-4y}{2} + \frac{5x-6y}{3} =$$

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$$\begin{aligned}\textcircled{1} \quad \frac{x+4y}{9} - \frac{4x-3y}{8} &= \frac{8x+32y}{72} - \frac{36x-27y}{72} \\ &= \frac{-28x+59y}{72}\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad \frac{5a-b}{9} + \frac{3a-4b}{6} &= \frac{10a-2b}{18} + \frac{9a-12b}{18} \\ &= \frac{19a-14b}{18}\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad \frac{3x+4y}{4} + \frac{x-5y}{3} &= \frac{9x+12y}{12} + \frac{4x-20y}{12} \\ &= \frac{13x-8y}{12}\end{aligned}$$

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

$$\begin{aligned}\textcircled{5} \quad \frac{a-3b}{14} + \frac{a+2b}{2} &= \frac{a-3b}{14} + \frac{7a+14b}{14} \\ &= \frac{8a+11b}{14}\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad \frac{5x+4y}{7} - \frac{2x-y}{2} &= \frac{10x+8y}{14} - \frac{14x-7y}{14} \\ &= \frac{-4x+15y}{14}\end{aligned}$$

$$\begin{aligned}\textcircled{7} \quad \frac{2x-3y}{4} + \frac{5x+6y}{2} &= \frac{2x-3y}{4} + \frac{10x+12y}{4} \\ &= \frac{12x+9y}{4}\end{aligned}$$

$$\begin{aligned}\textcircled{8} \quad \frac{4x-y}{10} - \frac{2x+3y}{4} &= \frac{8x-2y}{20} - \frac{10x+15y}{20} \\ &= \frac{-2x-17y}{20}\end{aligned}$$

$$\begin{aligned}\textcircled{9} \quad \frac{3x-y}{9} - \frac{3x+y}{5} &= \frac{15x-5y}{45} - \frac{27x+9y}{45} \\ &= \frac{-12x-14y}{45}\end{aligned}$$

$$\begin{aligned}\textcircled{10} \quad \frac{6x+5y}{5} + \frac{3x+5y}{8} &= \frac{48x+40y}{40} + \frac{15x+25y}{40} \\ &= \frac{63x+65y}{40}\end{aligned}$$

$$\begin{aligned}\textcircled{11} \quad \frac{a+6b}{6} - \frac{2a+5b}{15} &= \frac{5a+30b}{30} - \frac{4a+10b}{30} \\ &= \frac{a+20b}{30}\end{aligned}$$

$$\begin{aligned}\textcircled{12} \quad \frac{x-4y}{2} + \frac{5x-6y}{3} &= \frac{3x-12y}{6} + \frac{10x-12y}{6} \\ &= \frac{13x-24y}{6}\end{aligned}$$