

1次式の加法と減法

____年 ____組 名前 _____

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■ 次の計算をなさい。

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

$$\textcircled{2} \quad \frac{6x-5y}{10} + \frac{5x+2y}{5} =$$

$$\textcircled{3} \quad \frac{a-4b}{6} - \frac{4a-3b}{7} =$$

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

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

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

$$\textcircled{7} \quad \frac{2x+y}{9} - \frac{4x+5y}{8} =$$

$$\textcircled{8} \quad \frac{5x-4y}{6} + \frac{x+3y}{2} =$$

$$\textcircled{9} \quad \frac{x-6y}{15} + \frac{3x-4y}{10} =$$

$$\textcircled{10} \quad \frac{5a+3b}{10} - \frac{a+2b}{4} =$$

$$\textcircled{11} \quad \frac{2x-3y}{5} + \frac{3x+4y}{8} =$$

$$\textcircled{12} \quad \frac{x+6y}{14} - \frac{3x+y}{7} =$$

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$$\begin{aligned}\textcircled{1} \quad \frac{4x-5y}{16} - \frac{5x+4y}{2} &= \frac{4x-5y}{16} - \frac{40x+32y}{16} \\ &= \frac{-36x-37y}{16}\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad \frac{6x-5y}{10} + \frac{5x+2y}{5} &= \frac{6x-5y}{10} + \frac{10x+4y}{10} \\ &= \frac{16x-y}{10}\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad \frac{a-4b}{6} - \frac{4a-3b}{7} &= \frac{7a-28b}{42} - \frac{24a-18b}{42} \\ &= \frac{-17a-10b}{42}\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad \frac{3x-5y}{9} + \frac{4x-y}{5} &= \frac{15x-25y}{45} + \frac{36x-9y}{45} \\ &= \frac{51x-34y}{45}\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad \frac{4x+y}{2} + \frac{5x-3y}{8} &= \frac{16x+4y}{8} + \frac{5x-3y}{8} \\ &= \frac{21x+y}{8}\end{aligned}$$

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

$$\begin{aligned}\textcircled{7} \quad \frac{2x+y}{9} - \frac{4x+5y}{8} &= \frac{16x+8y}{72} - \frac{36x+45y}{72} \\ &= \frac{-20x-37y}{72}\end{aligned}$$

$$\begin{aligned}\textcircled{8} \quad \frac{5x-4y}{6} + \frac{x+3y}{2} &= \frac{5x-4y}{6} + \frac{3x+9y}{6} \\ &= \frac{8x+5y}{6}\end{aligned}$$

$$\begin{aligned}\textcircled{9} \quad \frac{x-6y}{15} + \frac{3x-4y}{10} &= \frac{2x-12y}{30} + \frac{9x-12y}{30} \\ &= \frac{11x-24y}{30}\end{aligned}$$

$$\begin{aligned}\textcircled{10} \quad \frac{5a+3b}{10} - \frac{a+2b}{4} &= \frac{10a+6b}{20} - \frac{5a+10b}{20} \\ &= \frac{5a-4b}{20}\end{aligned}$$

$$\begin{aligned}\textcircled{11} \quad \frac{2x-3y}{5} + \frac{3x+4y}{8} &= \frac{16x-24y}{40} + \frac{15x+20y}{40} \\ &= \frac{31x-4y}{40}\end{aligned}$$

$$\begin{aligned}\textcircled{12} \quad \frac{x+6y}{14} - \frac{3x+y}{7} &= \frac{x+6y}{14} - \frac{6x+2y}{14} \\ &= \frac{-5x+4y}{14}\end{aligned}$$