

1次式の加法と減法

____年 ____組 名前 _____

/12

■ 次の計算をなさい。

$$\textcircled{1} \quad \frac{4x-y}{5} - \frac{5x+6y}{2} =$$

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

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

$$\textcircled{4} \quad \frac{5x-6y}{9} + \frac{3x+y}{7} =$$

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

$$\textcircled{6} \quad \frac{5x-3y}{4} + \frac{3x+5y}{20} =$$

$$\textcircled{7} \quad \frac{4x+y}{18} + \frac{x+2y}{3} =$$

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

$$\textcircled{9} \quad \frac{5x-2y}{21} - \frac{6x-y}{3} =$$

$$\textcircled{10} \quad \frac{a-2b}{8} + \frac{5a+2b}{2} =$$

$$\textcircled{11} \quad \frac{2x-5y}{6} - \frac{x+5y}{15} =$$

$$\textcircled{12} \quad \frac{x+3y}{14} + \frac{2x+y}{7} =$$

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$$\begin{aligned}\textcircled{1} \quad \frac{4x-y}{5} - \frac{5x+6y}{2} &= \frac{8x-2y}{10} - \frac{25x+30y}{10} \\ &= \frac{-17x-32y}{10}\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad \frac{6a-5b}{9} + \frac{a-6b}{6} &= \frac{12a-10b}{18} + \frac{3a-18b}{18} \\ &= \frac{15a-28b}{18}\end{aligned}$$

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

$$\begin{aligned}\textcircled{4} \quad \frac{5x-6y}{9} + \frac{3x+y}{7} &= \frac{35x-42y}{63} + \frac{27x+9y}{63} \\ &= \frac{62x-33y}{63}\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad \frac{3a-2b}{2} - \frac{5a+b}{10} &= \frac{15a-10b}{10} - \frac{5a+b}{10} \\ &= \frac{10a-11b}{10}\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad \frac{5x-3y}{4} + \frac{3x+5y}{20} &= \frac{25x-15y}{20} + \frac{3x+5y}{20} \\ &= \frac{28x-10y}{20} \\ &= \frac{14x-5y}{10}\end{aligned}$$

$$\begin{aligned}\textcircled{7} \quad \frac{4x+y}{18} + \frac{x+2y}{3} &= \frac{4x+y}{18} + \frac{6x+12y}{18} \\ &= \frac{10x+13y}{18}\end{aligned}$$

$$\begin{aligned}\textcircled{8} \quad \frac{4x+5y}{8} - \frac{x+6y}{3} &= \frac{12x+15y}{24} - \frac{8x+48y}{24} \\ &= \frac{4x-33y}{24}\end{aligned}$$

$$\begin{aligned}\textcircled{9} \quad \frac{5x-2y}{21} - \frac{6x-y}{3} &= \frac{5x-2y}{21} - \frac{42x-7y}{21} \\ &= \frac{-37x+5y}{21}\end{aligned}$$

$$\begin{aligned}\textcircled{10} \quad \frac{a-2b}{8} + \frac{5a+2b}{2} &= \frac{a-2b}{8} + \frac{20a+8b}{8} \\ &= \frac{21a+6b}{8}\end{aligned}$$

$$\begin{aligned}\textcircled{11} \quad \frac{2x-5y}{6} - \frac{x+5y}{15} &= \frac{10x-25y}{30} - \frac{2x+10y}{30} \\ &= \frac{8x-35y}{30}\end{aligned}$$

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