

1次式の加法と減法

年 組 名前

/6

■ 次の計算をなさい。

$$\textcircled{1} \frac{-4m+5}{5} - \frac{2m-3}{9}$$

$$\textcircled{2} \frac{-4x-3}{5} + \frac{5+2x}{6}$$

$$\textcircled{3} \frac{2-5x}{6} + \frac{-3x-5}{7}$$

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

$$\textcircled{5} \frac{1+4y}{8} - \frac{-2-y}{9}$$

$$\textcircled{6} \frac{5+3x}{4} + \frac{-x+3}{6}$$

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$$\begin{aligned} \textcircled{1} \quad \frac{-4m+5}{5} - \frac{2m-3}{9} &= \frac{-36m+45}{45} - \frac{10m-15}{45} \\ &= \frac{-46m+60}{45} \end{aligned}$$

$$\frac{-46m+60}{45}$$

$$\begin{aligned} \textcircled{2} \quad \frac{-4x-3}{5} + \frac{5+2x}{6} &= \frac{-24x-18}{30} + \frac{25+10x}{30} \\ &= \frac{-14x+7}{30} \end{aligned}$$

$$\frac{-14x+7}{30}$$

$$\begin{aligned} \textcircled{3} \quad \frac{2-5x}{6} + \frac{-3x-5}{7} &= \frac{14-35x}{42} + \frac{-18x-30}{42} \\ &= \frac{-53x-16}{42} \end{aligned}$$

$$\frac{-53x-16}{42}$$

$$\begin{aligned} \textcircled{4} \quad \frac{x+2}{3} - \frac{3x+2}{8} &= \frac{8x+16}{24} - \frac{9x+6}{24} \\ &= \frac{-x+10}{24} \end{aligned}$$

$$\frac{-x+10}{24}$$

$$\begin{aligned} \textcircled{5} \quad \frac{1+4y}{8} - \frac{-2-y}{9} &= \frac{9+36y}{72} - \frac{-16-8y}{72} \\ &= \frac{44y+25}{72} \end{aligned}$$

$$\frac{44y+25}{72}$$

$$\begin{aligned} \textcircled{6} \quad \frac{5+3x}{4} + \frac{-x+3}{6} &= \frac{15+9x}{12} + \frac{-2x+6}{12} \\ &= \frac{7x+21}{12} \end{aligned}$$

$$\frac{7x+21}{12}$$