

1次式の加法と減法

年 組 名前

/6

■ 次の計算をなさい。

$$\textcircled{1} \frac{x-4}{3} + \frac{-5x-3}{6}$$

$$\textcircled{2} \frac{5+x}{7} + \frac{3x-2}{8}$$

$$\textcircled{3} \frac{2-5y}{3} + \frac{-5y-2}{5}$$

$$\textcircled{4} \frac{-2x+1}{2} - \frac{-3-5x}{8}$$

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

$$\textcircled{6} \frac{4x+5}{2} + \frac{-3x-1}{7}$$

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$$\begin{aligned} \textcircled{1} \quad \frac{x-4}{3} + \frac{-5x-3}{6} &= \frac{2x-8}{6} + \frac{-5x-3}{6} \\ &= \frac{-3x-11}{6} \end{aligned}$$

$$\frac{-3x-11}{6}$$

$$\begin{aligned} \textcircled{2} \quad \frac{5+x}{7} + \frac{3x-2}{8} &= \frac{40+8x}{56} + \frac{21x-14}{56} \\ &= \frac{29x+26}{56} \end{aligned}$$

$$\frac{29x+26}{56}$$

$$\begin{aligned} \textcircled{3} \quad \frac{2-5y}{3} + \frac{-5y-2}{5} &= \frac{10-25y}{15} + \frac{-15y-6}{15} \\ &= \frac{-40y+4}{15} \end{aligned}$$

$$\frac{-40y+4}{15}$$

$$\begin{aligned} \textcircled{4} \quad \frac{-2x+1}{2} - \frac{-3-5x}{8} &= \frac{-8x+4}{8} - \frac{-3-5x}{8} \\ &= \frac{-3x+7}{8} \end{aligned}$$

$$\frac{-3x+7}{8}$$

$$\begin{aligned} \textcircled{5} \quad \frac{6+y}{5} - \frac{-2-3y}{7} &= \frac{42+7y}{35} - \frac{-10-15y}{35} \\ &= \frac{22y+52}{35} \end{aligned}$$

$$\frac{22y+52}{35}$$

$$\begin{aligned} \textcircled{6} \quad \frac{4x+5}{2} + \frac{-3x-1}{7} &= \frac{28x+35}{14} + \frac{-6x-2}{14} \\ &= \frac{22x+33}{14} \end{aligned}$$

$$\frac{22x+33}{14}$$