

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-5x - 6}{2} - \frac{3x + 6}{7}$$

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$$(2) \quad - \frac{8x - 3}{3} - \frac{-8x - 7}{6}$$

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$$(3) \quad - \frac{2x - 5}{4} - \frac{6x + 3}{4}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-5x-6}{2} - \frac{3x+6}{7} \\ &= \frac{-7(-5x-6) - 2(3x+6)}{14} \\ &= \frac{35x+42-6x-12}{14} \\ &= \frac{29x+30}{14}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{8x-3}{3} - \frac{-8x-7}{6} \\ &= \frac{-2(8x-3) - (-8x-7)}{6} \\ &= \frac{-16x+6+8x+7}{6} \\ &= \frac{-8x+13}{6}\end{aligned}$$

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