

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-8x+7}{4} - \frac{6x+3}{8}$$

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-8x+7}{4} - \frac{6x+3}{8} \\ &= \frac{-2(-8x+7) - (6x+3)}{8} \\ &= \frac{16x-14-6x-3}{8} \\ &= \frac{10x-17}{8}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{3x+2}{7} - \frac{-7x-8}{7} \\ &= \frac{-(3x+2) - (-7x-8)}{7} \\ &= \frac{-3x-2+7x+8}{7} \\ &= \frac{4x+6}{7}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{6x+5}{4} - \frac{4x+5}{4} \\ &= \frac{-(6x+5) - (4x+5)}{4} \\ &= \frac{-6x-5-4x-5}{4} \\ &= \frac{-10x-10}{4}\end{aligned}$$