

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-7x - 8}{8} - \frac{-2x - 7}{8}$$

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$$(2) \quad - \frac{-7x + 3}{8} - \frac{8x + 6}{5}$$

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$$(3) \quad - \frac{4x - 8}{7} - \frac{-4x - 9}{6}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-7x-8}{8} - \frac{-2x-7}{8} \\ &= \frac{-(-7x-8) - (-2x-7)}{8} \\ &= \frac{7x+8+2x+7}{8} \\ &= \frac{9x+15}{8}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{-7x+3}{8} - \frac{8x+6}{5} \\ &= \frac{-5(-7x+3) - 8(8x+6)}{40} \\ &= \frac{35x-15-64x-48}{40} \\ &= \frac{-29x-63}{40}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{4x-8}{7} - \frac{-4x-9}{6} \\ &= \frac{-6(4x-8) - 7(-4x-9)}{42} \\ &= \frac{-24x+48+28x+63}{42} \\ &= \frac{4x+111}{42}\end{aligned}$$