

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{4x+7}{7} - \frac{8x+3}{2}$$

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

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$$(3) \quad - \frac{8x-7}{3} + \frac{5x-4}{8}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{4x+7}{7} - \frac{8x+3}{2} \\ &= \frac{-2(4x+7) - 7(8x+3)}{14} \\ &= \frac{-8x - 14 - 56x - 21}{14} \\ &= \frac{-64x - 35}{14}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{-5x+3}{2} - \frac{-2x+7}{8} \\ &= \frac{-4(-5x+3) - (-2x+7)}{8} \\ &= \frac{20x - 12 + 2x - 7}{8} \\ &= \frac{22x - 19}{8}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{8x-7}{3} + \frac{5x-4}{8} \\ &= \frac{-8(8x-7) + 3(5x-4)}{24} \\ &= \frac{-64x + 56 + 15x - 12}{24} \\ &= \frac{-49x + 44}{24}\end{aligned}$$