

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-7x - 8}{8} - \frac{-5x + 8}{7}$$

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

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$$(3) \quad \frac{4x - 5}{4} + \frac{-6x + 7}{8}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-7x-8}{8} - \frac{-5x+8}{7} \\ &= \frac{-7(-7x-8) - 8(-5x+8)}{56} \\ &= \frac{49x+56+40x-64}{56} \\ &= \frac{89x-8}{56}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-5x-8}{3} - \frac{-2x+2}{3} \\ &= \frac{(-5x-8) - (-2x+2)}{3} \\ &= \frac{-5x-8+2x-2}{3} \\ &= \frac{-3x-10}{3}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{4x-5}{4} + \frac{-6x+7}{8} \\ &= \frac{2(4x-5) + (-6x+7)}{8} \\ &= \frac{8x-10-6x+7}{8} \\ &= \frac{2x-3}{8}\end{aligned}$$