

計算せよ

Date _____

Name _____

$$(1) \quad \frac{-8x - 5}{8} - \frac{-7x - 2}{3}$$

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

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$$(3) \quad -\frac{4x + 5}{2} - \frac{-3x + 4}{7}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{-8x-5}{8} - \frac{-7x-2}{3} \\ &= \frac{3(-8x-5) - 8(-7x-2)}{24} \\ &= \frac{-24x-15+56x+16}{24} \\ &= \frac{32x+1}{24}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{7x-5}{5} - \frac{-6x-7}{3} \\ &= \frac{-3(7x-5) - 5(-6x-7)}{15} \\ &= \frac{-21x+15+30x+35}{15} \\ &= \frac{9x+50}{15}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{4x+5}{2} - \frac{-3x+4}{7} \\ &= \frac{-7(4x+5) - 2(-3x+4)}{14} \\ &= \frac{-28x-35+6x-8}{14} \\ &= \frac{-22x-43}{14}\end{aligned}$$