

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-5x+2}{7} - \frac{4x+9}{2}$$

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-5x+2}{7} - \frac{4x+9}{2} \\ &= \frac{-2(-5x+2) - 7(4x+9)}{14} \\ &= \frac{10x-4-28x-63}{14} \\ &= \frac{-18x-67}{14}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-2x-7}{7} - \frac{8x+5}{2} \\ &= \frac{2(-2x-7) - 7(8x+5)}{14} \\ &= \frac{-4x-14-56x-35}{14} \\ &= \frac{-60x-49}{14}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{4x+3}{8} + \frac{-7x-3}{3} \\ &= \frac{-3(4x+3) + 8(-7x-3)}{24} \\ &= \frac{-12x-9-56x-24}{24} \\ &= \frac{-68x-33}{24}\end{aligned}$$