

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{6x+5}{6} - \frac{6x+7}{6}$$

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$$(2) \quad - \frac{6x+3}{4} - \frac{7x+6}{3}$$

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

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=

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{6x+5}{6} - \frac{6x+7}{6} \\ &= \frac{-(6x+5) - (6x+7)}{6} \\ &= \frac{-6x-5-6x-7}{6} \\ &= \frac{-12x-12}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{6x+3}{4} - \frac{7x+6}{3} \\ &= \frac{-3(6x+3) - 4(7x+6)}{12} \\ &= \frac{-18x-9-28x-24}{12} \\ &= \frac{-46x-33}{12}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{8x+7}{2} - \frac{-2x-6}{3} \\ &= \frac{3(8x+7) - 2(-2x-6)}{6} \\ &= \frac{24x+21+4x+12}{6} \\ &= \frac{28x+33}{6}\end{aligned}$$