

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{7x+3}{3} + \frac{6x+3}{8}$$

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$$(2) \quad \frac{4x-3}{5} + \frac{4x+6}{3}$$

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{7x+3}{3} + \frac{6x+3}{8} \\ &= \frac{-8(7x+3) + 3(6x+3)}{24} \\ &= \frac{-56x - 24 + 18x + 9}{24} \\ &= \frac{-38x - 15}{24}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{4x-3}{5} + \frac{4x+6}{3} \\ &= \frac{3(4x-3) + 5(4x+6)}{15} \\ &= \frac{12x - 9 + 20x + 30}{15} \\ &= \frac{32x + 21}{15}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{-6x-4}{3} - \frac{5x+6}{4} \\ &= \frac{-4(-6x-4) - 3(5x+6)}{12} \\ &= \frac{24x + 16 - 15x - 18}{12} \\ &= \frac{9x - 2}{12}\end{aligned}$$