

計算せよ

Date _____

Name _____

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

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

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$$(3) \quad - \frac{5x - 4}{8} + \frac{2x + 6}{7}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-3x-2}{7} - \frac{3x-8}{5} \\ &= \frac{-5(-3x-2) - 7(3x-8)}{35} \\ &= \frac{15x+10-21x+56}{35} \\ &= \frac{-6x+66}{35}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-6x-3}{4} + \frac{-4x+3}{6} \\ &= \frac{3(-6x-3) + 2(-4x+3)}{12} \\ &= \frac{-18x-9-8x+6}{12} \\ &= \frac{-26x-3}{12}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{5x-4}{8} + \frac{2x+6}{7} \\ &= \frac{-7(5x-4) + 8(2x+6)}{56} \\ &= \frac{-35x+28+16x+48}{56} \\ &= \frac{-19x+76}{56}\end{aligned}$$