

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-6x+2}{3} - \frac{-2x+2}{7}$$

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

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$$(3) \quad - \frac{-4x+3}{2} + \frac{8x-9}{4}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-6x+2}{3} - \frac{-2x+2}{7} \\ &= \frac{-7(-6x+2) - 3(-2x+2)}{21} \\ &= \frac{42x - 14 + 6x - 6}{21} \\ &= \frac{48x - 20}{21}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{4x-7}{7} + \frac{7x-7}{8} \\ &= \frac{-8(4x-7) + 7(7x-7)}{56} \\ &= \frac{-32x + 56 + 49x - 49}{56} \\ &= \frac{17x + 7}{56}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{-4x+3}{2} + \frac{8x-9}{4} \\ &= \frac{-2(-4x+3) + (8x-9)}{4} \\ &= \frac{8x - 6 + 8x - 9}{4} \\ &= \frac{16x - 15}{4}\end{aligned}$$