

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-6x+4}{5} + \frac{2x-6}{7}$$

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-6x+4}{5} + \frac{2x-6}{7} \\ &= \frac{-7(-6x+4) + 5(2x-6)}{35} \\ &= \frac{42x-28+10x-30}{35} \\ &= \frac{52x-58}{35}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{7x-3}{8} - \frac{-8x-5}{8} \\ &= \frac{-(7x-3) - (-8x-5)}{8} \\ &= \frac{-7x+3+8x+5}{8} \\ &= \frac{x+8}{8}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{3x+7}{5} + \frac{-3x+4}{6} \\ &= \frac{-6(3x+7) + 5(-3x+4)}{30} \\ &= \frac{-18x-42-15x+20}{30} \\ &= \frac{-33x-22}{30}\end{aligned}$$