

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{4x + 7}{7} - \frac{- 7x + 3}{8}$$

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{4x+7}{7} - \frac{-7x+3}{8} \\ &= \frac{-8(4x+7) - 7(-7x+3)}{56} \\ &= \frac{-32x - 56 + 49x - 21}{56} \\ &= \frac{17x - 77}{56}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{6x-4}{7} + \frac{5x-7}{6} \\ &= \frac{6(6x-4) + 7(5x-7)}{42} \\ &= \frac{36x - 24 + 35x - 49}{42} \\ &= \frac{71x - 73}{42}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{6x-5}{6} + \frac{-5x-3}{3} \\ &= \frac{(6x-5) + 2(-5x-3)}{6} \\ &= \frac{6x - 5 - 10x - 6}{6} \\ &= \frac{-4x - 11}{6}\end{aligned}$$