

計算せよ

Date _____

Name _____

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

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

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

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=

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{8x+7}{8} + \frac{-7x+7}{6} \\ &= \frac{3(8x+7) + 4(-7x+7)}{24} \\ &= \frac{24x+21-28x+28}{24} \\ &= \frac{-4x+49}{24}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{4x-3}{4} + \frac{7x-8}{7} \\ &= \frac{7(4x-3) + 4(7x-8)}{28} \\ &= \frac{28x-21+28x-32}{28} \\ &= \frac{56x-53}{28}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{6x+5}{5} - \frac{-7x-5}{5} \\ &= \frac{-(6x+5) - (-7x-5)}{5} \\ &= \frac{-6x-5+7x+5}{5} \\ &= \frac{x+0}{5}\end{aligned}$$