

計算せよ

Date _____

Name _____

$$(1) \quad \frac{4x+7}{4} + \frac{-3x+2}{6}$$

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

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=

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

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=

=

計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{4x+7}{4} + \frac{-3x+2}{6} \\ &= \frac{3(4x+7) + 2(-3x+2)}{12} \\ &= \frac{12x+21-6x+4}{12} \\ &= \frac{6x+25}{12}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{-7x-5}{4} + \frac{-8x-7}{2} \\ &= \frac{-(-7x-5) + 2(-8x-7)}{4} \\ &= \frac{7x+5-16x-14}{4} \\ &= \frac{-9x-9}{4}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{7x-4}{4} + \frac{-7x+4}{4} \\ &= \frac{(7x-4) + (-7x+4)}{4} \\ &= \frac{7x-4-7x+4}{4} \\ &= \frac{\quad}{4}\end{aligned}$$