

計算せよ

Date _____

Name _____

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

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

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$$(3) \quad \frac{-6x + 8}{7} - \frac{-8x - 3}{2}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-2x-3}{4} - \frac{-4x+7}{6} \\ &= \frac{-3(-2x-3) - 2(-4x+7)}{12} \\ &= \frac{6x+9+8x-14}{12} \\ &= \frac{14x-5}{12}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{3x-4}{6} + \frac{-7x+2}{4} \\ &= \frac{2(3x-4) + 3(-7x+2)}{12} \\ &= \frac{6x-8-21x+6}{12} \\ &= \frac{-15x-2}{12}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{-6x+8}{7} - \frac{-8x-3}{2} \\ &= \frac{2(-6x+8) - 7(-8x-3)}{14} \\ &= \frac{-12x+16+56x+21}{14} \\ &= \frac{44x+37}{14}\end{aligned}$$