

計算せよ

Date _____

Name _____

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

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$$(2) \quad - \frac{-7x + 8}{3} - \frac{-2x + 5}{6}$$

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$$(3) \quad \frac{8x - 3}{6} - \frac{4x - 7}{4}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-3x-2}{6} - \frac{7x+7}{3} \\ &= \frac{-(-3x-2) - 2(7x+7)}{6} \\ &= \frac{3x+2-14x-14}{6} \\ &= \frac{-11x-12}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{-7x+8}{3} - \frac{-2x+5}{6} \\ &= \frac{-2(-7x+8) - (-2x+5)}{6} \\ &= \frac{14x-16+2x-5}{6} \\ &= \frac{16x-21}{6}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{8x-3}{6} - \frac{4x-7}{4} \\ &= \frac{2(8x-3) - 3(4x-7)}{12} \\ &= \frac{16x-6-12x+21}{12} \\ &= \frac{4x+15}{12}\end{aligned}$$