

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-8x - 3}{2} - \frac{-7x + 6}{2}$$

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

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$$(3) \quad \frac{-4x - 5}{5} + \frac{6x - 9}{2}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-8x-3}{2} - \frac{-7x+6}{2} \\ &= \frac{-(-8x-3) - (-7x+6)}{2} \\ &= \frac{8x+3+7x-6}{2} \\ &= \frac{15x-3}{2}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{-5x-6}{6} - \frac{-2x+5}{6} \\ &= \frac{-(-5x-6) - (-2x+5)}{6} \\ &= \frac{5x+6+2x-5}{6} \\ &= \frac{7x+1}{6}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{-4x-5}{5} + \frac{6x-9}{2} \\ &= \frac{2(-4x-5) + 5(6x-9)}{10} \\ &= \frac{-8x-10+30x-45}{10} \\ &= \frac{22x-55}{10}\end{aligned}$$