

計算せよ

Date _____

Name _____

$$(1) \quad \frac{-6x+3}{2} - \frac{-2x-5}{2}$$

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$$(2) \quad -\frac{8x+5}{8} - \frac{-3x-4}{3}$$

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

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=

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計算せよ（解答）

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

$$\begin{aligned}(2) \quad & -\frac{8x+5}{8} - \frac{-3x-4}{3} \\ &= \frac{-3(8x+5) - 8(-3x-4)}{24} \\ &= \frac{-24x-15+24x+32}{24} \\ &= \frac{\quad}{24}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{-2x-3}{4} + \frac{4x+3}{7} \\ &= \frac{-7(-2x-3) + 4(4x+3)}{28} \\ &= \frac{14x+21+16x+12}{28} \\ &= \frac{30x+33}{28}\end{aligned}$$