

計算せよ

Date _____

Name _____

$$(1) \quad \frac{3x + 2}{4} - \frac{-8x + 3}{4}$$

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{3x+2}{4} - \frac{-8x+3}{4} \\ &= \frac{(3x+2) - (-8x+3)}{4} \\ &= \frac{3x+2+8x-3}{4} \\ &= \frac{11x-1}{4}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-7x+8}{5} - \frac{8x-2}{7} \\ &= \frac{7(-7x+8) - 5(8x-2)}{35} \\ &= \frac{-49x+56-40x+10}{35} \\ &= \frac{-89x+66}{35}\end{aligned}$$

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