

計算せよ

Date _____

Name _____

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

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-6x+4}{3} - \frac{6x-4}{7} \\ &= \frac{-7(-6x+4) - 3(6x-4)}{21} \\ &= \frac{42x - 28 - 18x + 12}{21} \\ &= \frac{24x - 16}{21}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{5x-8}{3} - \frac{2x+2}{3} \\ &= \frac{(5x-8) - (2x+2)}{3} \\ &= \frac{5x - 8 - 2x - 2}{3} \\ &= \frac{3x - 10}{3}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{-7x-7}{8} - \frac{7x-3}{2} \\ &= \frac{(-7x-7) - 4(7x-3)}{8} \\ &= \frac{-7x - 7 - 28x + 12}{8} \\ &= \frac{-35x + 5}{8}\end{aligned}$$