

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{7x - 2}{3} - \frac{-8x + 5}{2}$$

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{7x-2}{3} - \frac{-8x+5}{2} \\ &= \frac{-2(7x-2) - 3(-8x+5)}{6} \\ &= \frac{-14x+4+24x-15}{6} \\ &= \frac{10x-11}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{-2x+2}{5} - \frac{3x+8}{2} \\ &= \frac{-2(-2x+2) - 5(3x+8)}{10} \\ &= \frac{4x-4-15x-40}{10} \\ &= \frac{-11x-44}{10}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{5x+3}{3} + \frac{-5x-4}{4} \\ &= \frac{4(5x+3) + 3(-5x-4)}{12} \\ &= \frac{20x+12-15x-12}{12} \\ &= \frac{5x0}{12}\end{aligned}$$