

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{6x + 9}{6} - \frac{2x - 4}{5}$$

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

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$$(3) \quad \frac{- 2x + 5}{2} - \frac{3x + 6}{8}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{6x+9}{6} - \frac{2x-4}{5} \\ &= \frac{-5(6x+9) - 6(2x-4)}{30} \\ &= \frac{-30x - 45 - 12x + 24}{30} \\ &= \frac{-42x - 21}{30}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{6x-3}{4} + \frac{-2x-5}{5} \\ &= \frac{-5(6x-3) + 4(-2x-5)}{20} \\ &= \frac{-30x + 15 - 8x - 20}{20} \\ &= \frac{-38x - 5}{20}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{-2x+5}{2} - \frac{3x+6}{8} \\ &= \frac{4(-2x+5) - (3x+6)}{8} \\ &= \frac{-8x + 20 - 3x - 6}{8} \\ &= \frac{-11x + 14}{8}\end{aligned}$$