

計算せよ

Date _____

Name _____

$$(1) \quad \frac{-5x+6}{3} + \frac{-3x+4}{2}$$

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$$(2) \quad \frac{-8x-7}{4} - \frac{-4x-4}{5}$$

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

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=

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{-5x+6}{3} + \frac{-3x+4}{2} \\ &= \frac{2(-5x+6) + 3(-3x+4)}{6} \\ &= \frac{-10x+12-9x+12}{6} \\ &= \frac{-19x+24}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-8x-7}{4} - \frac{-4x-4}{5} \\ &= \frac{5(-8x-7) - 4(-4x-4)}{20} \\ &= \frac{-40x-35+16x+16}{20} \\ &= \frac{-24x-19}{20}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{6x+4}{7} + \frac{-6x+6}{7} \\ &= \frac{-(6x+4) + (-6x+6)}{7} \\ &= \frac{-6x-4-6x+6}{7} \\ &= \frac{-12x+2}{7}\end{aligned}$$