

計算せよ

Date _____

Name _____

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

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$$(2) \quad \frac{-5x+7}{6} + \frac{-8x-3}{4}$$

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$$(3) \quad -\frac{-5x+6}{2} - \frac{-2x+3}{7}$$

=

=

=

計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{-3x+4}{5} - \frac{-5x+4}{6} \\ &= \frac{6(-3x+4) - 5(-5x+4)}{30} \\ &= \frac{-18x+24+25x-20}{30} \\ &= \frac{7x+4}{30}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-5x+7}{6} + \frac{-8x-3}{4} \\ &= \frac{2(-5x+7) + 3(-8x-3)}{12} \\ &= \frac{-10x+14-24x-9}{12} \\ &= \frac{-34x+5}{12}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{-5x+6}{2} - \frac{-2x+3}{7} \\ &= \frac{-7(-5x+6) - 2(-2x+3)}{14} \\ &= \frac{35x-42+4x-6}{14} \\ &= \frac{39x-48}{14}\end{aligned}$$