

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{5x - 6}{6} + \frac{-8x + 4}{3}$$

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{5x-6}{6} + \frac{-8x+4}{3} \\ &= \frac{-(5x-6)+2(-8x+4)}{6} \\ &= \frac{-5x+6-16x+8}{6} \\ &= \frac{-21x+14}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-5x+2}{4} + \frac{-4x+6}{5} \\ &= \frac{5(-5x+2)+4(-4x+6)}{20} \\ &= \frac{-25x+10-16x+24}{20} \\ &= \frac{-41x+34}{20}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{-4x+3}{7} - \frac{7x-8}{3} \\ &= \frac{3(-4x+3)-7(7x-8)}{21} \\ &= \frac{-12x+9-49x+56}{21} \\ &= \frac{-61x+65}{21}\end{aligned}$$