

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-8x+7}{4} + \frac{4x-6}{5}$$

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-8x+7}{4} + \frac{4x-6}{5} \\ &= \frac{-5(-8x+7) + 4(4x-6)}{20} \\ &= \frac{40x-35+16x-24}{20} \\ &= \frac{56x-59}{20}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{6x+3}{4} + \frac{6x-4}{7} \\ &= \frac{-7(6x+3) + 4(6x-4)}{28} \\ &= \frac{-42x-21+24x-16}{28} \\ &= \frac{-18x-37}{28}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{3x-7}{8} - \frac{-3x+8}{8} \\ &= \frac{(3x-7) - (-3x+8)}{8} \\ &= \frac{3x-7+3x-8}{8} \\ &= \frac{6x-15}{8}\end{aligned}$$