

計算せよ

Date _____

Name _____

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

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

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

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=

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{2x+5}{4} + \frac{-4x+6}{5} \\ &= \frac{5(2x+5) + 4(-4x+6)}{20} \\ &= \frac{10x+25-16x+24}{20} \\ &= \frac{-6x+49}{20}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{2x-4}{7} + \frac{5x+6}{2} \\ &= \frac{-2(2x-4) + 7(5x+6)}{14} \\ &= \frac{-4x+8+35x+42}{14} \\ &= \frac{31x+50}{14}\end{aligned}$$

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