

計算せよ

Date _____

Name _____

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

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{6x - 5}{6} + \frac{-4x + 5}{8} \\ &= \frac{4(6x - 5) + 3(-4x + 5)}{24} \\ &= \frac{24x - 20 - 12x + 15}{24} \\ &= \frac{12x - 5}{24}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{2x - 8}{3} + \frac{-5x - 4}{4} \\ &= \frac{-4(2x - 8) + 3(-5x - 4)}{12} \\ &= \frac{-8x + 32 - 15x - 12}{12} \\ &= \frac{-23x + 20}{12}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{-3x + 2}{4} + \frac{7x + 4}{3} \\ &= \frac{3(-3x + 2) + 4(7x + 4)}{12} \\ &= \frac{-9x + 6 + 28x + 16}{12} \\ &= \frac{19x + 22}{12}\end{aligned}$$