

計算せよ

Date _____

Name _____

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

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

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

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=

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{5x - 3}{3} + \frac{-4x + 3}{4} \\ &= \frac{4(5x - 3) + 3(-4x + 3)}{12} \\ &= \frac{20x - 12 - 12x + 9}{12} \\ &= \frac{8x - 3}{12}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{8x + 7}{8} - \frac{-5x - 4}{3} \\ &= \frac{-3(8x + 7) - 8(-5x - 4)}{24} \\ &= \frac{-24x - 21 + 40x + 32}{24} \\ &= \frac{16x + 11}{24}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{5x - 7}{8} + \frac{7x + 2}{4} \\ &= \frac{(5x - 7) + 2(7x + 2)}{8} \\ &= \frac{5x - 7 + 14x + 4}{8} \\ &= \frac{19x - 3}{8}\end{aligned}$$