

計算せよ

Date _____

Name _____

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

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$$(2) \quad \frac{-2x+5}{6} - \frac{2x-8}{3}$$

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

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=

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{7x+5}{6} - \frac{8x+5}{8} \\ &= \frac{4(7x+5) - 3(8x+5)}{24} \\ &= \frac{28x+20 - 24x - 15}{24} \\ &= \frac{4x+5}{24}\end{aligned}$$

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

$$\begin{aligned}(3) \quad & \frac{-7x+7}{4} + \frac{-3x-4}{3} \\ &= \frac{3(-7x+7) + 4(-3x-4)}{12} \\ &= \frac{-21x+21 - 12x - 16}{12} \\ &= \frac{-33x+5}{12}\end{aligned}$$