

計算せよ

Date _____

Name _____

$$(1) \quad \frac{4x - 3}{5} - \frac{2x - 5}{3}$$

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

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

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計算せよ（解答）

Date _____

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$$\begin{aligned}(1) \quad & \frac{4x - 3}{5} - \frac{2x - 5}{3} \\ &= \frac{3(4x - 3) - 5(2x - 5)}{15} \\ &= \frac{12x - 9 - 10x + 25}{15} \\ &= \frac{2x + 16}{15}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-4x - 2}{7} - \frac{-2x - 2}{7} \\ &= \frac{(-4x - 2) - (-2x - 2)}{7} \\ &= \frac{-4x - 2 + 2x + 2}{7} \\ &= \frac{-2x}{7}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{8x + 3}{6} - \frac{-8x - 5}{8} \\ &= \frac{-4(8x + 3) - 3(-8x - 5)}{24} \\ &= \frac{-32x - 12 + 24x + 15}{24} \\ &= \frac{-8x + 3}{24}\end{aligned}$$