

計算せよ

Date _____

Name _____

$$(1) \quad \frac{2x - 5}{6} + \frac{-2x - 3}{8}$$

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

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

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計算せよ（解答）

Date _____

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$$\begin{aligned}(1) \quad & \frac{2x - 5}{6} + \frac{-2x - 3}{8} \\ &= \frac{4(2x - 5) + 3(-2x - 3)}{24} \\ &= \frac{8x - 20 - 6x - 9}{24} \\ &= \frac{2x - 29}{24}\end{aligned}$$

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

$$\begin{aligned}(3) \quad & -\frac{-7x + 6}{7} + \frac{6x + 6}{7} \\ &= \frac{-(-7x + 6) + (6x + 6)}{7} \\ &= \frac{7x - 6 + 6x + 6}{7} \\ &= \frac{13x}{7}\end{aligned}$$