

計算せよ

Date _____

Name _____

$$(1) \quad \frac{6x - 9}{2} - \frac{-8x + 7}{3}$$

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$$(2) \quad -\frac{7x + 5}{6} - \frac{3x - 7}{2}$$

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$$(3) \quad -\frac{6x + 5}{2} - \frac{-4x + 3}{6}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{6x - 9}{2} - \frac{-8x + 7}{3} \\ &= \frac{3(6x - 9) - 2(-8x + 7)}{6} \\ &= \frac{18x - 27 + 16x - 14}{6} \\ &= \frac{34x - 41}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{7x + 5}{6} - \frac{3x - 7}{2} \\ &= \frac{-(7x + 5) - 3(3x - 7)}{6} \\ &= \frac{-7x - 5 - 9x + 21}{6} \\ &= \frac{-16x + 16}{6}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{6x + 5}{2} - \frac{-4x + 3}{6} \\ &= \frac{-3(6x + 5) - (-4x + 3)}{6} \\ &= \frac{-18x - 15 + 4x - 3}{6} \\ &= \frac{-14x - 18}{6}\end{aligned}$$