

計算せよ

Date _____

Name _____

$$(1) \quad \frac{-4x - 6}{3} + \frac{6x - 5}{6}$$

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{-4x-6}{3} + \frac{6x-5}{6} \\ &= \frac{2(-4x-6) + (6x-5)}{6} \\ &= \frac{-8x-12+6x-5}{6} \\ &= \frac{-2x-17}{6}\end{aligned}$$

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

$$\begin{aligned}(3) \quad & -\frac{-6x-3}{2} - \frac{2x+8}{7} \\ &= \frac{-7(-6x-3) - 2(2x+8)}{14} \\ &= \frac{42x+21-4x-16}{14} \\ &= \frac{38x+5}{14}\end{aligned}$$