

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-5x+6}{3} - \frac{-7x+8}{7}$$

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

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$$(3) \quad \frac{2x+5}{2} + \frac{-4x+7}{8}$$

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=

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-5x+6}{3} - \frac{-7x+8}{7} \\ &= \frac{-7(-5x+6) - 3(-7x+8)}{21} \\ &= \frac{35x - 42 + 21x - 24}{21} \\ &= \frac{56x - 66}{21}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{6x+7}{6} - \frac{-6x+3}{2} \\ &= \frac{-(6x+7) - 3(-6x+3)}{6} \\ &= \frac{-6x - 7 + 18x - 9}{6} \\ &= \frac{12x - 16}{6}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{2x+5}{2} + \frac{-4x+7}{8} \\ &= \frac{4(2x+5) + (-4x+7)}{8} \\ &= \frac{8x + 20 - 4x + 7}{8} \\ &= \frac{4x + 27}{8}\end{aligned}$$