

計算せよ

Date _____

Name _____

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

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-5x-8}{2} - \frac{5x+6}{6} \\ &= \frac{-3(-5x-8) - (5x+6)}{6} \\ &= \frac{15x+24-5x-6}{6} \\ &= \frac{10x+18}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{4x+3}{4} - \frac{7x-3}{3} \\ &= \frac{-3(4x+3) - 4(7x-3)}{12} \\ &= \frac{-12x-9-28x+12}{12} \\ &= \frac{-40x+3}{12}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{3x+4}{3} + \frac{7x+7}{5} \\ &= \frac{-5(3x+4) + 3(7x+7)}{15} \\ &= \frac{-15x-20+21x+21}{15} \\ &= \frac{6x+1}{15}\end{aligned}$$