

計算せよ

Date _____

Name _____

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

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

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$$(3) \quad \frac{5x + 4}{6} + \frac{6x - 3}{8}$$

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=

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{-5x-4}{6} + \frac{-5x-3}{5} \\ &= \frac{5(-5x-4) + 6(-5x-3)}{30} \\ &= \frac{-25x-20-30x-18}{30} \\ &= \frac{-55x-38}{30}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{-2x-7}{2} - \frac{7x+4}{8} \\ &= \frac{-4(-2x-7) - (7x+4)}{8} \\ &= \frac{8x+28-7x-4}{8} \\ &= \frac{x+24}{8}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{5x+4}{6} + \frac{6x-3}{8} \\ &= \frac{4(5x+4) + 3(6x-3)}{24} \\ &= \frac{20x+16+18x-9}{24} \\ &= \frac{38x+7}{24}\end{aligned}$$