

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-7x - 8}{5} + \frac{2x - 8}{5}$$

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

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$$(3) \quad \frac{4x + 3}{5} - \frac{-6x - 7}{6}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-7x-8}{5} + \frac{2x-8}{5} \\ &= \frac{-(-7x-8) + (2x-8)}{5} \\ &= \frac{7x+8+2x-8}{5} \\ &= \frac{9x}{5}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-4x-2}{3} - \frac{6x+5}{4} \\ &= \frac{4(-4x-2) - 3(6x+5)}{12} \\ &= \frac{-16x-8-18x-15}{12} \\ &= \frac{-34x-23}{12}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{4x+3}{5} - \frac{-6x-7}{6} \\ &= \frac{6(4x+3) - 5(-6x-7)}{30} \\ &= \frac{24x+18+30x+35}{30} \\ &= \frac{54x+53}{30}\end{aligned}$$