

計算せよ

Date _____

Name _____

$$(1) \quad \frac{7x+3}{6} - \frac{-8x-9}{2}$$

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$$(2) \quad -\frac{-6x+9}{6} - \frac{4x+8}{5}$$

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$$(3) \quad \frac{8x+6}{3} + \frac{-5x-5}{2}$$

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=

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{7x+3}{6} - \frac{-8x-9}{2} \\ &= \frac{(7x+3) - 3(-8x-9)}{6} \\ &= \frac{7x+3+24x+27}{6} \\ &= \frac{31x+30}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{-6x+9}{6} - \frac{4x+8}{5} \\ &= \frac{-5(-6x+9) - 6(4x+8)}{30} \\ &= \frac{30x-45-24x-48}{30} \\ &= \frac{6x-93}{30}\end{aligned}$$

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