

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{4x - 9}{2} - \frac{-7x - 4}{2}$$

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

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$$(3) \quad \frac{2x - 3}{6} + \frac{-8x - 4}{3}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{4x-9}{2} - \frac{-7x-4}{2} \\ &= \frac{-(4x-9) - (-7x-4)}{2} \\ &= \frac{-4x+9+7x+4}{2} \\ &= \frac{3x+13}{2}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{3x+3}{8} - \frac{5x-2}{2} \\ &= \frac{(3x+3) - 4(5x-2)}{8} \\ &= \frac{3x+3-20x+8}{8} \\ &= \frac{-17x+11}{8}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{2x-3}{6} + \frac{-8x-4}{3} \\ &= \frac{(2x-3) + 2(-8x-4)}{6} \\ &= \frac{2x-3-16x-8}{6} \\ &= \frac{-14x-11}{6}\end{aligned}$$