

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{8x - 7}{5} - \frac{-2x - 7}{3}$$

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$$(2) \quad - \frac{4x + 5}{2} + \frac{-3x - 7}{8}$$

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$$(3) \quad \frac{4x - 3}{2} + \frac{7x - 4}{6}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{8x-7}{5} - \frac{-2x-7}{3} \\ &= \frac{-3(8x-7) - 5(-2x-7)}{15} \\ &= \frac{-24x+21+10x+35}{15} \\ &= \frac{-14x+56}{15}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{4x+5}{2} + \frac{-3x-7}{8} \\ &= \frac{-4(4x+5) + (-3x-7)}{8} \\ &= \frac{-16x-20-3x-7}{8} \\ &= \frac{-19x-27}{8}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{4x-3}{2} + \frac{7x-4}{6} \\ &= \frac{3(4x-3) + (7x-4)}{6} \\ &= \frac{12x-9+7x-4}{6} \\ &= \frac{19x-13}{6}\end{aligned}$$