

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-3x - 4}{8} - \frac{-7x + 5}{3}$$

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$$(2) \quad \frac{-4x + 7}{3} + \frac{-6x - 7}{8}$$

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$$(3) \quad - \frac{2x + 9}{6} + \frac{-6x - 3}{4}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-3x-4}{8} - \frac{-7x+5}{3} \\ &= \frac{-3(-3x-4) - 8(-7x+5)}{24} \\ &= \frac{9x+12+56x-40}{24} \\ &= \frac{65x-28}{24}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-4x+7}{3} + \frac{-6x-7}{8} \\ &= \frac{8(-4x+7) + 3(-6x-7)}{24} \\ &= \frac{-32x+56-18x-21}{24} \\ &= \frac{-50x+35}{24}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{2x+9}{6} + \frac{-6x-3}{4} \\ &= \frac{-2(2x+9) + 3(-6x-3)}{12} \\ &= \frac{-4x-18-18x-9}{12} \\ &= \frac{-22x-27}{12}\end{aligned}$$