

計算せよ

Date _____

Name _____

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

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{-8x-5}{7} - \frac{4x-3}{5} \\ &= \frac{5(-8x-5) - 7(4x-3)}{35} \\ &= \frac{-40x-25-28x+21}{35} \\ &= \frac{-68x-4}{35}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{-3x-7}{6} + \frac{-7x+7}{3} \\ &= \frac{-(-3x-7) + 2(-7x+7)}{6} \\ &= \frac{3x+7-14x+14}{6} \\ &= \frac{-11x+21}{6}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{-3x+7}{5} - \frac{2x-7}{4} \\ &= \frac{-4(-3x+7) - 5(2x-7)}{20} \\ &= \frac{12x-28-10x+35}{20} \\ &= \frac{2x+7}{20}\end{aligned}$$