

計算せよ

Date _____

Name _____

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

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$$(2) \quad \frac{-2x+7}{6} + \frac{2x+7}{5}$$

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

=

=

=

計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{-3x+7}{6} - \frac{-8x+3}{8} \\ &= \frac{4(-3x+7) - 3(-8x+3)}{24} \\ &= \frac{-12x+28+24x-9}{24} \\ &= \frac{12x+19}{24}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-2x+7}{6} + \frac{2x+7}{5} \\ &= \frac{5(-2x+7) + 6(2x+7)}{30} \\ &= \frac{-10x+35+12x+42}{30} \\ &= \frac{2x+77}{30}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{-2x-4}{7} - \frac{4x-8}{5} \\ &= \frac{5(-2x-4) - 7(4x-8)}{35} \\ &= \frac{-10x-20-28x+56}{35} \\ &= \frac{-38x+36}{35}\end{aligned}$$