

計算せよ

Date _____

Name _____

$$(1) \quad \frac{7x+3}{5} - \frac{6x+2}{5}$$

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

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

=

=

=

計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{7x+3}{5} - \frac{6x+2}{5} \\ &= \frac{(7x+3) - (6x+2)}{5} \\ &= \frac{7x+3-6x-2}{5} \\ &= \frac{x+1}{5}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{7x+5}{8} + \frac{-8x+7}{2} \\ &= \frac{-(7x+5) + 4(-8x+7)}{8} \\ &= \frac{-7x-5-32x+28}{8} \\ &= \frac{-39x+23}{8}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{-3x+4}{7} - \frac{8x-5}{2} \\ &= \frac{2(-3x+4) - 7(8x-5)}{14} \\ &= \frac{-6x+8-56x+35}{14} \\ &= \frac{-62x+43}{14}\end{aligned}$$