

計算せよ

Date _____

Name _____

$$(1) \quad \frac{-7x-4}{4} + \frac{-5x+2}{2}$$

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$$(2) \quad \frac{8x-5}{6} - \frac{8x-5}{4}$$

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

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=

=

計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{-7x-4}{4} + \frac{-5x+2}{2} \\ &= \frac{(-7x-4)+2(-5x+2)}{4} \\ &= \frac{-7x-4-10x+4}{4} \\ &= \frac{-17x}{4}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{8x-5}{6} - \frac{8x-5}{4} \\ &= \frac{2(8x-5)-3(8x-5)}{12} \\ &= \frac{16x-10-24x+15}{12} \\ &= \frac{-8x+5}{12}\end{aligned}$$

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