

# 計算せよ

Date \_\_\_\_\_

Name \_\_\_\_\_

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

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

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$$(3) \quad - \frac{-3x+2}{7} - \frac{5x-6}{8}$$

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# 計算せよ（解答）

Date \_\_\_\_\_

Name \_\_\_\_\_

$$\begin{aligned}(1) \quad & - \frac{-3x+2}{6} - \frac{3x+7}{6} \\ &= \frac{-(-3x+2) - (3x+7)}{6} \\ &= \frac{3x-2-3x-7}{6} \\ &= \frac{-9}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & - \frac{7x-4}{8} + \frac{-6x-7}{4} \\ &= \frac{-(7x-4) + 2(-6x-7)}{8} \\ &= \frac{-7x+4-12x-14}{8} \\ &= \frac{-19x-10}{8}\end{aligned}$$

$$\begin{aligned}(3) \quad & - \frac{-3x+2}{7} - \frac{5x-6}{8} \\ &= \frac{-8(-3x+2) - 7(5x-6)}{56} \\ &= \frac{24x-16-35x+42}{56} \\ &= \frac{-11x+26}{56}\end{aligned}$$