

# 計算せよ

Date \_\_\_\_\_

Name \_\_\_\_\_

$$(1) \quad - \frac{7x+2}{4} + \frac{-8x+6}{5}$$

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

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$$(3) \quad - \frac{-6x-7}{3} - \frac{4x+8}{5}$$

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# 計算せよ（解答）

Date \_\_\_\_\_

Name \_\_\_\_\_

$$\begin{aligned}(1) \quad & -\frac{7x+2}{4} + \frac{-8x+6}{5} \\ &= \frac{-5(7x+2) + 4(-8x+6)}{20} \\ &= \frac{-35x - 10 - 32x + 24}{20} \\ &= \frac{-67x + 14}{20}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{-2x+8}{7} + \frac{-5x-3}{6} \\ &= \frac{-6(-2x+8) + 7(-5x-3)}{42} \\ &= \frac{12x - 48 - 35x - 21}{42} \\ &= \frac{-23x - 69}{42}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{-6x-7}{3} - \frac{4x+8}{5} \\ &= \frac{-5(-6x-7) - 3(4x+8)}{15} \\ &= \frac{30x + 35 - 12x - 24}{15} \\ &= \frac{18x + 11}{15}\end{aligned}$$