

# 計算せよ

Date \_\_\_\_\_

Name \_\_\_\_\_

$$(1) \quad - \frac{7x+8}{3} + \frac{-8x-7}{4}$$

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

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

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# 計算せよ（解答）

Date \_\_\_\_\_

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$$\begin{aligned}(1) \quad & -\frac{7x+8}{3} + \frac{-8x-7}{4} \\ &= \frac{-4(7x+8) + 3(-8x-7)}{12} \\ &= \frac{-28x-32-24x-21}{12} \\ &= \frac{-52x-53}{12}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{5x+8}{2} - \frac{8x+7}{4} \\ &= \frac{2(5x+8) - (8x+7)}{4} \\ &= \frac{10x+16-8x-7}{4} \\ &= \frac{2x+9}{4}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{-3x+3}{4} + \frac{-3x-3}{5} \\ &= \frac{-5(-3x+3) + 4(-3x-3)}{20} \\ &= \frac{15x-15-12x-12}{20} \\ &= \frac{3x-27}{20}\end{aligned}$$