

# 計算せよ

Date \_\_\_\_\_

Name \_\_\_\_\_

$$(1) \quad \frac{5x - 4}{3} - \frac{-8x + 9}{8}$$

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

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

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# 計算せよ（解答）

Date \_\_\_\_\_

Name \_\_\_\_\_

$$\begin{aligned}(1) \quad & \frac{5x - 4}{3} - \frac{-8x + 9}{8} \\ &= \frac{8(5x - 4) - 3(-8x + 9)}{24} \\ &= \frac{40x - 32 + 24x - 27}{24} \\ &= \frac{64x - 59}{24}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{8x + 2}{5} - \frac{8x + 7}{8} \\ &= \frac{8(8x + 2) - 5(8x + 7)}{40} \\ &= \frac{64x + 16 - 40x - 35}{40} \\ &= \frac{24x - 19}{40}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{8x - 5}{7} - \frac{7x - 7}{8} \\ &= \frac{8(8x - 5) - 7(7x - 7)}{56} \\ &= \frac{64x - 40 - 49x + 49}{56} \\ &= \frac{15x + 9}{56}\end{aligned}$$