

計算せよ

Date _____

Name _____

$$(1) \quad \frac{7x - 5}{4} + \frac{3x - 4}{3}$$

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

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$$(3) \quad \frac{-2x - 3}{3} - \frac{4x + 9}{8}$$

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計算せよ（解答）

Date _____

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$$\begin{aligned}(1) \quad & \frac{7x - 5}{4} + \frac{3x - 4}{3} \\&= \frac{3(7x - 5) + 4(3x - 4)}{12} \\&= \frac{21x - 15 + 12x - 16}{12} \\&= \frac{33x - 31}{12}\end{aligned}$$

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

$$\begin{aligned}(3) \quad & \frac{-2x - 3}{3} - \frac{4x + 9}{8} \\&= \frac{8(-2x - 3) - 3(4x + 9)}{24} \\&= \frac{-16x - 24 - 12x - 27}{24} \\&= \frac{-28x - 51}{24}\end{aligned}$$