

計算せよ

Date _____

Name _____

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

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{7x - 6}{4} + \frac{8x - 4}{7} \\ &= \frac{7(7x - 6) + 4(8x - 4)}{28} \\ &= \frac{49x - 42 + 32x - 16}{28} \\ &= \frac{81x - 58}{28}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{7x + 8}{3} + \frac{- 8x - 7}{6} \\ &= \frac{2(7x + 8) + (- 8x - 7)}{6} \\ &= \frac{14x + 16 - 8x - 7}{6} \\ &= \frac{6x + 9}{6}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{- 8x + 7}{4} + \frac{5x - 7}{4} \\ &= \frac{(- 8x + 7) + (5x - 7)}{4} \\ &= \frac{- 8x + 7 + 5x - 7}{4} \\ &= \frac{- 3x + 0}{4}\end{aligned}$$