

計算せよ

Date _____

Name _____

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

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{5x - 5}{2} - \frac{-8x + 7}{6} \\ &= \frac{3(5x - 5) - (-8x + 7)}{6} \\ &= \frac{15x - 15 + 8x - 7}{6} \\ &= \frac{23x - 22}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-4x - 7}{4} - \frac{-4x - 7}{2} \\ &= \frac{(-4x - 7) - 2(-4x - 7)}{4} \\ &= \frac{-4x - 7 + 8x + 14}{4} \\ &= \frac{4x + 7}{4}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{3x - 5}{8} + \frac{8x - 2}{7} \\ &= \frac{7(3x - 5) + 8(8x - 2)}{56} \\ &= \frac{21x - 35 + 64x - 16}{56} \\ &= \frac{85x - 51}{56}\end{aligned}$$