

計算せよ

Date _____

Name _____

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

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

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$$(3) \quad \frac{3x - 6}{4} + \frac{6x + 8}{7}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{7x+7}{8} - \frac{-5x+8}{2} \\ &= \frac{-(7x+7) - 4(-5x+8)}{8} \\ &= \frac{-7x-7+20x-32}{8} \\ &= \frac{13x-39}{8}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{7x-8}{5} - \frac{-2x-3}{2} \\ &= \frac{-2(7x-8) - 5(-2x-3)}{10} \\ &= \frac{-14x+16+10x+15}{10} \\ &= \frac{-4x+31}{10}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{3x-6}{4} + \frac{6x+8}{7} \\ &= \frac{7(3x-6) + 4(6x+8)}{28} \\ &= \frac{21x-42+24x+32}{28} \\ &= \frac{45x-10}{28}\end{aligned}$$