

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-8x - 8}{3} + \frac{-7x + 8}{7}$$

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

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$$(3) \quad - \frac{-6x + 5}{8} - \frac{4x - 9}{2}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-8x-8}{3} + \frac{-7x+8}{7} \\ &= \frac{-7(-8x-8)+3(-7x+8)}{21} \\ &= \frac{56x+56-21x+24}{21} \\ &= \frac{35x+80}{21}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{3x-2}{5} - \frac{-8x+3}{2} \\ &= \frac{2(3x-2)-5(-8x+3)}{10} \\ &= \frac{6x-4+40x-15}{10} \\ &= \frac{46x-19}{10}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{-6x+5}{8} - \frac{4x-9}{2} \\ &= \frac{-(-6x+5)-4(4x-9)}{8} \\ &= \frac{6x-5-16x+36}{8} \\ &= \frac{-10x+31}{8}\end{aligned}$$