

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{3x+8}{8} + \frac{-7x+3}{6}$$

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$$(2) \quad \frac{8x+7}{6} + \frac{-7x+4}{3}$$

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{3x+8}{8} + \frac{-7x+3}{6} \\ &= \frac{-3(3x+8)+4(-7x+3)}{24} \\ &= \frac{-9x-24-28x+12}{24} \\ &= \frac{-37x-12}{24}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{8x+7}{6} + \frac{-7x+4}{3} \\ &= \frac{(8x+7)+2(-7x+4)}{6} \\ &= \frac{8x+7-14x+8}{6} \\ &= \frac{-6x+15}{6}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{-3x-2}{2} + \frac{6x-5}{3} \\ &= \frac{3(-3x-2)+2(6x-5)}{6} \\ &= \frac{-9x-6+12x-10}{6} \\ &= \frac{3x-16}{6}\end{aligned}$$