

計算せよ

Date _____

Name _____

$$(1) \quad \frac{4x+7}{8} + \frac{-6x-7}{5}$$

=

=

=

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

=

=

=

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

=

=

=

計算せよ（解答）

Date _____

Name _____

$$\begin{aligned}(1) \quad & \frac{4x+7}{8} + \frac{-6x-7}{5} \\ &= \frac{5(4x+7) + 8(-6x-7)}{40} \\ &= \frac{20x+35-48x-56}{40} \\ &= \frac{-28x-21}{40}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{5x-3}{5} - \frac{-5x-2}{3} \\ &= \frac{-3(5x-3) - 5(-5x-2)}{15} \\ &= \frac{-15x+9+25x+10}{15} \\ &= \frac{10x+19}{15}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{3x+3}{2} + \frac{-3x+7}{4} \\ &= \frac{-2(3x+3) + (-3x+7)}{4} \\ &= \frac{-6x-6-3x+7}{4} \\ &= \frac{-9x+1}{4}\end{aligned}$$