

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{8x - 7}{7} - \frac{-5x - 3}{4}$$

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

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$$(3) \quad \frac{6x + 5}{3} + \frac{7x + 6}{3}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{8x-7}{7} - \frac{-5x-3}{4} \\ &= \frac{-4(8x-7) - 7(-5x-3)}{28} \\ &= \frac{-32x+28+35x+21}{28} \\ &= \frac{3x+49}{28}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-8x+5}{3} - \frac{5x-8}{7} \\ &= \frac{7(-8x+5) - 3(5x-8)}{21} \\ &= \frac{-56x+35-15x+24}{21} \\ &= \frac{-71x+59}{21}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{6x+5}{3} + \frac{7x+6}{3} \\ &= \frac{(6x+5) + (7x+6)}{3} \\ &= \frac{6x+5+7x+6}{3} \\ &= \frac{13x+11}{3}\end{aligned}$$