

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{3x - 8}{2} + \frac{-4x + 5}{6}$$

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$$(2) \quad - \frac{7x + 6}{6} - \frac{8x - 9}{6}$$

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{3x-8}{2} + \frac{-4x+5}{6} \\ &= \frac{-3(3x-8) + (-4x+5)}{6} \\ &= \frac{-9x+24-4x+5}{6} \\ &= \frac{-13x+29}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{7x+6}{6} - \frac{8x-9}{6} \\ &= \frac{-(7x+6) - (8x-9)}{6} \\ &= \frac{-7x-6-8x+9}{6} \\ &= \frac{-15x+3}{6}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{4x+4}{7} - \frac{5x-4}{5} \\ &= \frac{5(4x+4) - 7(5x-4)}{35} \\ &= \frac{20x+20-35x+28}{35} \\ &= \frac{-15x+48}{35}\end{aligned}$$