

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-7x - 2}{2} + \frac{-6x + 7}{2}$$

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

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

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計算せよ（解答）

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

$$\begin{aligned}(2) \quad & \frac{-5x+7}{7} - \frac{-2x-5}{8} \\ &= \frac{8(-5x+7)-7(-2x-5)}{56} \\ &= \frac{-40x+56+14x+35}{56} \\ &= \frac{-26x+91}{56}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{7x+8}{2} + \frac{3x-4}{6} \\ &= \frac{3(7x+8)+(3x-4)}{6} \\ &= \frac{21x+24+3x-4}{6} \\ &= \frac{24x+20}{6}\end{aligned}$$