

計算せよ

Date _____

Name _____

$$(1) \quad \frac{3x+2}{7} + \frac{-2x+7}{6}$$

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$$(2) \quad \frac{5x+4}{8} - \frac{-7x-5}{5}$$

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

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=

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{3x+2}{7} + \frac{-2x+7}{6} \\ &= \frac{6(3x+2) + 7(-2x+7)}{42} \\ &= \frac{18x+12-14x+49}{42} \\ &= \frac{4x+61}{42}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{5x+4}{8} - \frac{-7x-5}{5} \\ &= \frac{5(5x+4) - 8(-7x-5)}{40} \\ &= \frac{25x+20+56x+40}{40} \\ &= \frac{81x+60}{40}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{-5x+7}{4} + \frac{-8x+3}{5} \\ &= \frac{5(-5x+7) + 4(-8x+3)}{20} \\ &= \frac{-25x+35-32x+12}{20} \\ &= \frac{-57x+47}{20}\end{aligned}$$