

計算せよ

Date _____

Name _____

$$(1) \quad \frac{3x+5}{3} + \frac{6x-3}{7}$$

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$$(2) \quad \frac{-5x+6}{2} - \frac{-7x+8}{8}$$

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

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=

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{3x+5}{3} + \frac{6x-3}{7} \\ &= \frac{7(3x+5) + 3(6x-3)}{21} \\ &= \frac{21x+35+18x-9}{21} \\ &= \frac{39x+26}{21}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-5x+6}{2} - \frac{-7x+8}{8} \\ &= \frac{4(-5x+6) - (-7x+8)}{8} \\ &= \frac{-20x+24+7x-8}{8} \\ &= \frac{-13x+16}{8}\end{aligned}$$

$$\begin{aligned}(3) \quad & -\frac{4x-7}{4} + \frac{3x-4}{6} \\ &= \frac{-3(4x-7) + 2(3x-4)}{12} \\ &= \frac{-12x+21+6x-8}{12} \\ &= \frac{-6x+13}{12}\end{aligned}$$