

計算せよ

Date _____

Name _____

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

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

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

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=

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計算せよ（解答）

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

$$\begin{aligned}(2) \quad & -\frac{7x+8}{7} - \frac{7x-8}{6} \\&= \frac{-6(7x+8) - 7(7x-8)}{42} \\&= \frac{-42x-48-49x+56}{42} \\&= \frac{-91x+8}{42}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{5x+3}{8} + \frac{-6x+5}{3} \\&= \frac{3(5x+3) + 8(-6x+5)}{24} \\&= \frac{15x+9-48x+40}{24} \\&= \frac{-33x+49}{24}\end{aligned}$$