

計算せよ

Date _____

Name _____

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

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

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-3x-8}{3} - \frac{3x-2}{6} \\&= \frac{-2(-3x-8) - (3x-2)}{6} \\&= \frac{6x+16-3x+2}{6} \\&= \frac{3x+18}{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{-5x-6}{6} + \frac{6x-7}{8} \\&= \frac{4(-5x-6) + 3(6x-7)}{24} \\&= \frac{-20x-24+18x-21}{24} \\&= \frac{-2x-45}{24}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{5x-8}{5} - \frac{-7x+8}{3} \\&= \frac{3(5x-8) - 5(-7x+8)}{15} \\&= \frac{15x-24+35x-40}{15} \\&= \frac{50x-64}{15}\end{aligned}$$