

計算せよ

Date _____

Name _____

$$(1) \quad \frac{2x+7}{2} - \frac{7x-2}{8}$$

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$$(2) \quad \frac{2x-3}{6} + \frac{-6x-5}{4}$$

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$$(3) \quad \frac{2x-5}{4} + \frac{6x+7}{6}$$

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=

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{2x+7}{2} - \frac{7x-2}{8} \\ &= \frac{4(2x+7) - (7x-2)}{8} \\ &= \frac{8x+28-7x+2}{8} \\ &= \frac{x+30}{8}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{2x-3}{6} + \frac{-6x-5}{4} \\ &= \frac{2(2x-3) + 3(-6x-5)}{12} \\ &= \frac{4x-6-18x-15}{12} \\ &= \frac{-14x-21}{12}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{2x-5}{4} + \frac{6x+7}{6} \\ &= \frac{3(2x-5) + 2(6x+7)}{12} \\ &= \frac{6x-15+12x+14}{12} \\ &= \frac{18x-1}{12}\end{aligned}$$