

計算せよ

Date _____

Name _____

$$(1) \quad \frac{2x - 3}{3} + \frac{3x + 7}{4}$$

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$$(2) \quad \frac{3x - 2}{2} + \frac{8x + 7}{4}$$

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{2x - 3}{3} + \frac{3x + 7}{4} \\ &= \frac{4(2x - 3) + 3(3x + 7)}{12} \\ &= \frac{8x - 12 + 9x + 21}{12} \\ &= \frac{17x + 9}{12}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{3x - 2}{2} + \frac{8x + 7}{4} \\ &= \frac{2(3x - 2) + (8x + 7)}{4} \\ &= \frac{6x - 4 + 8x + 7}{4} \\ &= \frac{14x + 3}{4}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{-3x - 5}{6} - \frac{4x + 7}{3} \\ &= \frac{(-3x - 5) - 2(4x + 7)}{6} \\ &= \frac{-3x - 5 - 8x - 14}{6} \\ &= \frac{-11x - 19}{6}\end{aligned}$$