

計算せよ

Date _____

Name _____

$$(1) \quad - \frac{-5x - 8}{3} - \frac{-3x + 5}{4}$$

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$$(2) \quad \frac{4x - 5}{4} + \frac{-8x + 4}{5}$$

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

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & -\frac{-5x-8}{3} - \frac{-3x+5}{4} \\ &= \frac{-4(-5x-8) - 3(-3x+5)}{12} \\ &= \frac{20x+32+9x-15}{12} \\ &= \frac{29x+17}{12}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{4x-5}{4} + \frac{-8x+4}{5} \\ &= \frac{5(4x-5) + 4(-8x+4)}{20} \\ &= \frac{20x-25-32x+16}{20} \\ &= \frac{-12x-9}{20}\end{aligned}$$

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