

単元別演習 式の計算】



【中2数学 | 式の計算】

1、次の計算をしなさい。

$$(1) \frac{2x+1}{3} + \frac{-x+5}{4}$$

$$\frac{4(2x+1)+3(-x+5)}{12} = \frac{5x+19}{12}$$

$$(2) \frac{5a-9b}{6} - \frac{7a-b}{8}$$

$$\begin{aligned} \frac{4(5a-9b)-3(7a-b)}{24} &= \frac{20a-36b-21a+3b}{24} \\ &= \frac{-a-33b}{24} \end{aligned}$$

$$(3) \frac{8m+11n}{21} + \frac{2m-13n}{15}$$

$$\begin{aligned} \frac{5(8m+11n)+7(2m-13n)}{105} &= \frac{54m-36}{105} \\ &= \frac{18m-12}{35} \end{aligned}$$

$$(4) \frac{5x+13y}{21} - \frac{x-3y}{14}$$

$$\begin{aligned} \frac{2(5x+13y)-3(x-3y)}{42} &= \frac{10x+26y-3x+9y}{42} \\ &= \frac{7x+35y}{42} \\ &= \frac{x+5y}{6} \end{aligned}$$