

めあて

はじめた時間

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① 次の計算をしろ。

$$\begin{aligned}
 (1) \quad 2(x+1) - 4(3x-4) &= 2x+2-12x+16 \\
 &= 2x-12x+2+16 \\
 &= -10x+18
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad \frac{2}{3}(9a+6) - \frac{3}{4}(8a-4) &= \frac{2}{3} \times 9a + \frac{2}{3} \times 6 - \frac{3}{4} \times 8a - \frac{3}{4} \times (-4) \\
 &= 6a+4-6a+3 \\
 &= 6a-6a+4+3 \\
 &= 7
 \end{aligned}$$

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

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