

$$\begin{aligned}
 (3) \quad 2\sqrt{5} &= 2 \times \sqrt{5} \\
 &= \sqrt{2^2} \times \sqrt{5} \\
 &= \sqrt{4} \times \sqrt{5} \\
 &= \underline{\underline{\sqrt{20}}}
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad \frac{\sqrt{18}}{3} &= \frac{\sqrt{18}}{\sqrt{3^2}} \\
 &= \frac{\sqrt{18}}{\sqrt{9}} \\
 &= \underline{\underline{\sqrt{2}}}
 \end{aligned}$$

$\sqrt{\frac{18}{9}}$ としてもOK

ルート同士は
約分もできるよ

$$\begin{aligned}
 (5) \quad \frac{\sqrt{8}}{2} &= \frac{\sqrt{8}}{\sqrt{2^2}} \\
 &= \frac{\sqrt{8}}{\sqrt{4}} \\
 &= \underline{\underline{\sqrt{2}}}
 \end{aligned}$$

$\sqrt{\frac{8}{4}}$ と同じ