

$\sqrt{\quad}$  の約束 ...  $\sqrt{\quad}$  の中に 2 乗の数が入っていたら、  
絶対外に出さないといけません!

$$\begin{aligned}
 (2) \quad \sqrt{72} &= \sqrt{2 \times 2 \times 2 \times 3 \times 3} \leftarrow \begin{array}{r} 2 \overline{) 72} \\ 2 \overline{) 36} \\ 2 \overline{) 18} \\ 3 \overline{) 9} \\ 3 \overline{) 3} \\ 1 \end{array} \\
 &= \sqrt{2^2 \times 3^2 \times 2} \\
 &= 2 \times 3 \times \sqrt{2} \\
 &= \underline{6\sqrt{2}} \quad //
 \end{aligned}$$

2<sup>3</sup> じゃ  
した方が\*

$$\begin{aligned}
 (3) \quad \sqrt{18} &= \sqrt{2 \times 3 \times 3} \\
 &= \sqrt{2 \times 3^2} \\
 &= \underline{3\sqrt{2}} \quad //
 \end{aligned}$$

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

$$\begin{aligned}
 (5) \quad \sqrt{48} &= \sqrt{2 \times 2 \times 2 \times 3 \times 2} \\
 &= \sqrt{2^2 \times 3 \times 2^2} \\
 &= 2 \times 2 \times \sqrt{3} \\
 &= \underline{4\sqrt{3}} \quad //
 \end{aligned}$$