

①② $\sqrt{5} = 2.236$, $\sqrt{50} = 7.071$ とし、次の値を求めなさい。

$$\textcircled{1} \sqrt{500}$$

$$= \sqrt{5 \times 100}$$

$$= \sqrt{5} \times \sqrt{100}$$

$$= 2.236 \times 10$$

$$= \underline{22.36} \#$$

$$\textcircled{2} \sqrt{0.005}$$

$$= \sqrt{\frac{5}{1000} \times 10}$$

$$= \frac{\sqrt{50}}{\sqrt{10000}}$$

$$= \frac{7.071}{100}$$

$$= \underline{0.07071} \#$$

とりあえず
分数にする

$$\sqrt{100} = 10$$

$$\sqrt{10000} = 100$$

$$\textcircled{3} \sqrt{\frac{5}{4}}$$

$$= \frac{\sqrt{5}}{\sqrt{4} \rightarrow 2}$$

$$= \frac{\sqrt{5}}{2}$$

$$= \frac{2.236}{2}$$

$$= \underline{1.118} \#$$

$$\textcircled{4} \sqrt{50000}$$

$$= \sqrt{5} \times \sqrt{100} \times \sqrt{100}$$

$$= 2.236 \times 10 \times 10$$

$$= \underline{223.6} \#$$