

# Answer

*An example of various uses of **answer**.*

The command `\answer` must be in math mode.

**Problem 1** Type 2.  $\boxed{2}$ ,  $\boxed{2}_{\text{given}}$ ,  $\boxed{\frac{1}{2}}$ ,  $\int_a^b f(x) dx$ ,

$$-\frac{1}{\frac{12}{1}} \sum_{n=1}^{\boxed{\infty}} n$$

**Problem 2** Is  $\ln(x^2 + 4) = \ln(|x^2 + 4|)$ ? Well

$$\ln(x^2 + 4) = \boxed{\ln(x^2 + 4)}$$

and

$$\ln(|x^2 + 4|) = \boxed{\ln(|x^2 + 4|)}$$