

UM 101: QUIZ 7

Dec. 22, 2022

Duration. 15 minutes

Name.

Maximum score. 10 points

Tutorial section.

Problem. Suppose $f : (a, b) \rightarrow \mathbb{R}$ is a function and $c \in (a, b)$. Express quantitatively (i.e., using quantifiers such as ε , δ , etc.) the statement “ f is **not** differentiable at c ”. Your answer must be stated as a **single sentence** containing all the relevant quantifiers in the correct order!