

Q1. For $y = \frac{1}{x} + \ln x$, find the Absolute extremes on $e^{-2} \leq x \leq e$.



Q1. For $y = \frac{1}{x^2 - 4}$;

- a- Find the critical points - if any.
- b- Find the intervals on which the function is increasing and decreasing.

