

# Custom Calculus Test Problems

## Problem 1

Find the sum of the series:  $\sum_{n=0}^{\infty} \frac{x^n}{n!}$

## Problem 2

Find the sum of the series:  $\sum_{n=0}^{\infty} x^n$

### Problem 3

Find the sum of the series:  $\sum_{n=0}^{\infty} x^n$