

**APPM 1360**

**Spring 2022**

**Quiz 7**

**03/29/2022**

**Time Limit: 10 Minutes**

**Name:** \_\_\_\_\_

Recitation Section: \_\_\_\_\_

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1. (10 points) Find the interval and radius of convergence for the series (specify convergence/divergence at the endpoints)

$$\sum_{n=1}^{\infty} \frac{(5x+1)^n}{n4^n}$$