

NAME: _____ ID: _____ Section: _____

Exercise 1 (5 points)

Find the radius and the interval of convergence of the power series $\sum_{n=1}^{\infty} \frac{(2x-1)^n}{n3^n}$

Exercise 2 (5 points)

Find the Taylor series for the function $f(x) = \ln(2+x)$ at $a = 1$

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Exercise 1 (5points)

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Exercise 1 (5 points)

Find the Taylor series for the function $f(x) = \ln(2+x)$ at $a = 2$