Quiz No. 5, Math 202

Name	ID	Section
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1. Find two power series solutions of the differential equation $y'' + (\sin x)y = 0$ about the ordinary point x=0.

Q2. Find radius of convergence and interval of convergence of the power series $\sum_{k=1}^{\infty} \frac{(-1)^k}{5^k} (x-6)^k$