

What Test Do We Use?

$$\sum_{n=1}^{\infty} \frac{n-1}{2n+1}$$

$$\sum_{n=1}^{\infty} \frac{\sqrt{n^3 + 1}}{3n^3 + 4n^2 + 2}$$

$$\sum_{n=1}^{\infty} n e^{-n^2}$$

$$\sum_{n=1}^{\infty} (-1)^n \frac{n^3}{n^4 + 1}$$

$$\sum_{n=1}^{\infty} \frac{1}{2 + 3^n}$$

$$\sum_{n=1}^{\infty} \frac{n+1}{3n+1}$$

$$\sum_{n=1}^{\infty} \left( \frac{\pi}{6} \right)^n$$



$$\sum_{n=1}^{\infty} \frac{1}{3n+1}$$

$$\sum_{n=1}^{\infty} (-1)^n \frac{3}{4n+1}$$

$$\sum_{n=1}^{\infty} \left( \frac{n+1}{2n+1} \right)^n$$