11.4 – Practice

1. Does $\sum_{n=8}^{\infty} \frac{1}{\sqrt[3]{n}-1}$ converge or diverge?

2. Does $\sum_{n=1}^{\infty} \frac{2^n}{3+4^n}$ converge or diverge?

3. Does $\sum_{n=1}^{\infty} \frac{n+3}{n^4-n^3+2n}$ converge or diverge?

Challenge: Does $\sum_{n=1}^{\infty} \frac{1}{1+2+3+\cdots+n}$ converge or diverge?

Q: What is the word that everybody always says wrong?