

Homework 8 - Math 142, Frank Thorne (thornef@mailbox.sc.edu)

Due Friday, October 17

- (a) 11.1, 1, 2, 3, 5, 6, 9, 12, 14, 17-29, 61-66.
- (b) Explain what sigma notation means and how to use it.
- (c) What is a geometric series? When does it converge, and if so, to what?
- (d) Derive the formula for the sum of a geometric series.
- (e) 11.2, 11-14, 21-24, 35-36, 47, 58, 64, 65.

Additional: 11.1, 30-39; 11.2, 25-32.

Bonus: 71, 78.