

Unit 6: Sequences and Series

S1/S2: Demonstrate an understanding of recursive sequences, represent recursive sequences in a variety of ways, and make connections to Pascal's triangle; demonstrate an understanding of the relationships involved in arithmetic and geometric sequences and series and solve related problems.

Lesson	Topic	Homework
6.1	Sequences and Recursive Procedures	p. 360 #1adef, 3, 7, 8, 13 p. 370 #1abde, 2ac, 3, 8af, 9abdf, 16
6.2	Arithmetic Sequences	p.385 #3abfh, 4bc, 6, 7, 9ac, 10ac, 11ac, 13, 15, 20, 21
6.3	Geometric Sequences	p. 392 #1, 2bceh, 3ac, 5, 6, 7, 11, 16, 17, 20
6.4	Arithmetic Series	p.399 #C2, 1adf, 3bc, 4bc, 6-11, 13, 14, 18, 20
6.5	Geometric Series	p.407 #C3, 2abdf, 3bf, 5bd, 6-12, 16
6.6	Pascal's Triangle	p. 377 #C1, C2, 1-4, 8-12, 17
6.7	Binomial Theorem	p. 377 #C4, 5acef, 6, 7, 19
	Review	p. 410 p. 413

Test Date: _____