Pre-Calculus Chapter 1 – 4 1st Quarter

Chapter 1

1.1. Domain and Range in Radicals and Division and f(x).

(Section 1-1)	p. 11 32,34, 41-50	1 Day

1. 2 Add, Sub, Mult, Div, and Composition.

(Section 1-2)	p. 18 11-21 odd	1 Days

1-7 Piecewise Functions

(Section 1-7)	p. 49 11-17, 19, 20	2 Days
Review	p. 59 11-29 odd, 54-57	

QUEST 1

Chapter 2

2.2 System of equations 3 variables

(Section 2-2)	p. 76 8 – 16 Even By Hand	2 days

2.7 Linear Programming

(Section 2-7)	p. 116 9-11, 15, 17, 19, 21	3 days
Review	p. 120 17-19, 51, 54	

QUEST 2

Chapter 3

3.1. Symmetry

(Section 3-1)	p. 134 14 – 30 all	1 Days

3.2 Families of graphs

(Section 3-2)	p. 143 13 – 27 odd	2 Days

3.3 Solving absolute value inequalities

(Section 3-3)	p. 150 33-39 all	1 Day

3.4 Inverses

(Section 3-4)	p. 156 15 – 33 odd	1 Day

3.5 Continuity and End Behavior

(Section 3-5)	p. 166 12 – 31 all	1 Days

3.6 Critical Points and Extrema

(Section 3-6)	p. 177 13 – 29 all	1 Days

3.7 Graphs of Rational Functions

(Section 3-7)	p. 180 14–20 all, 30	1 Days
Review	p.198 11 – 55 odd	

QUEST 3

Chapter 4

4.1 Polynomial Functions

(Section 4-1)	p. 210 15 – 43 odd	1 Day

4.2 Quadratics

(Section 4-2)	p. 219 12 – 17 all	1 Day
	p. 220 21-27 odd, 28 – 33 all	1 Day

4.3 Remainder and Factor Theorems

(Section 4-3)	p. 226 20 – 25 all	1 Day
	p. 227 26 – 40 all	1 Day

4.6 Rational Equations and Partial Fractions

(Section 4-6)	p. 247 12 – 20 even	1 Day
	p. 248 22 – 27 all	1 Day
	p. 248 28 – 33 all	1 Day

4.7 Radical Equations and Inequalities

(Section 4-7)	p. 255 13 – 27 odd	1 Day
	p. 255 29 - 35 all	1 Day

4.8 Real World Data

(Section 4-8)	p. 262 8 – 18 all	1 Day
Review	p. 268 11-25 odd, 45-59 odd	

QUEST 4