

Polynomial Functions

Dates	Monday	Tuesday	Wednesday	Thursday	Friday
10/29 – 11/2	4.1 Exponential Functions	4.2 Logarithmic Functions & 4.3A Properties of Logarithms	4.2 Logarithmic Functions & 4.3A Properties of Logarithms	4.3B Properties of Logarithms	4.4A Exponential and Logarithmic Equations
11/5 – 11/9	4.4B Exponential and Logarithmic Equations	Review	Review	T	

*Subject to changes

**Assignments due the next class meeting, unless noted **

Section	Learning Targets	Assignment
4.1	<ul style="list-style-type: none"> Evaluate exponential functions Graph exponential functions Evaluate functions with base e 	Pg 408 #11-18, 65, 73, 75, 76
4.2	<ul style="list-style-type: none"> Change from logarithmic to exponential form Change from exponential to logarithmic form Evaluate logarithms Use basic logarithmic properties 	Pg 421 #1-41 odds, 81-99 odds
4.3A	<ul style="list-style-type: none"> Use the product rule Use the quotient rule Use the power rule Expand logarithmic expressions 	Pg 431 #1-39 odds
4.3B	<ul style="list-style-type: none"> Condense logarithmic expressions Use the change-of-base property 	Pg 431 #41-65 odds, 71-75 odds, 89-95 odds
4.4A	<ul style="list-style-type: none"> Use like bases to solve exponential equations Use logarithms to solve exponential equations 	Pg 442 #1-29 odds
4.4B	<ul style="list-style-type: none"> Use the definition of a logarithm to solve logarithmic equations 	Pg 443 #31-65 eoo skip #43-47
Review		Pg 461 #2, 4, 12, 14-28 evens, 30, 31, 44-46, 50-62 evens, 64-78 evens