SCHEDULE

October-26-13 9:09 PM

	Topics Journal & Assign are based on this	HW Handouts , instead of textbook optional unless highlighted in which case choose some questions at your own discretion, However, do not just do easy ones and not just one question per topic, I suggest do at least 2 pages of written practice per night/topic or at least 10 questions per topic	Videos - optional unless highlighted	To Read	Applets - to help visualize
0.5day	Recap of Exponent Laws (MCR) Power Table chart http://mrsk.ca/AP/PowerTable.pdf Day1 - pg2-4, journal #1ab,2ab, do 2nd highlighted	http://mrsk.ca/AP/PRACTICErationalExponents.pdf used in Misc http://mrsk.ca/AP/PRECALCintervalNotationExponentsRadicals.pdf http://mrsk.ca/11U/PRACTICErationalExpSolve.pdf http://mrsk.ca/11U/PRACTICEexpLaws.pdf http://mrsk.ca/11U/PRACTICErationalExpLaw.pdf	http://www.youtube.com/playlist?list=PLGTiCNN99jHnAXNTzkHxpY8lVRCMTmTpb		
1.5days	Exponential Functions (MCR) Day2 - pg5-6, journal #2cd,3ab, do 1st highlighted	http://mrsk.ca/12U/PRACTICEc0graphExp.pdf http://mrsk.ca/11U/PRACTICEexpFindEqtn.pdf http://mrsk.ca/11U/PRACTICEexpTrasfSketch.pdf http://mrsk.ca/11U/PRACTICEevalGraphEqtnExp.pdf http://mrsk.ca/AP/PRECALCexponentials.pdf	http://www.youtube.com/playlist?list=PLGTiCNN99jHnU_F4UarUWxuiIpObDGFxL		http://mathinsight.org/applet/exponential_function
	Logarithmic Functions (MHF) Day3 - pg7-9, journal #3cdef, do last highlighted	Intro to Logarithms http://mrsk.ca/12U/PRACTICEb1meaningOfLogs.pdf http://mrsk.ca/12U/PRACTICEb2eLOintroToLog.pdf Logarithmic Functions http://mrsk.ca/12U/PRACTICEb3inversesLogs.pdf http://mrsk.ca/12U/PRACTICEc1eLOsketchLogTransf.pdf http://mrsk.ca/12U/PRACTICEc2graphLogs.pdf	http://www.youtube.com/playlist?list=PLGTiCNN99jHlhwmK8CHSAhjYzSdFNdvWj		http://www.analyzemath.com/logfunction/logfunction.html
2days	Logarithmic Laws (MHF) Day4 - pg(10)11-12, journal #4abc, do 1st highlighted Day5 - pg13-14, journal #4d, do 2nd highlighted	http://mrsk.ca/12U/PRACTICEd1eLOlawsOfLogs.pdf http://mrsk.ca/12U/PRACTICEd2lawsOfLogs.pdf	http://www.youtube.com/playlist?list=PLGTiCNN99jHkC0JO0DYOemOqJwqjOhFz8 EXTRA playlist http://www.youtube.com/playlist?list=PLGTiCNN99jHlyLRAwr5X5HfPLbXtnccWi video 2 stop watching after 2 min, it goes to derivatives which you'll study later		
2days	Solve Exponential (MCR) + Log Equations (MHF) Day6 - pg15-16, journal #5a, do 2nd highlighted Day7 - pg17-18, journal #5b, do last highlighted	Solve Exponentials (some factoring review 2) http://mrsk.ca/11U/extraPRACTICEmoreExponents.pdf http://mrsk.ca/11U/PRACTICEexpSolveMatchBases.pdf http://mrsk.ca/12U/PRACTICEf2expSolveByLogs.pdf http://mrsk.ca/12U/PRACTICEf1eLOsolveExp.pdf Solve Logarithms http://mrsk.ca/12U/PRACTICEg1eLOsolveLog.pdf http://mrsk.ca/12U/PRACTICEg2solveLogs.pdf	http://www.youtube.com/playlist?list=PLGTiCNN99jHk57Yv-sVvehwRRoJcTzAN-		
2days	Real Life Applications with Exponentials (MCR) + Logarithms (MHF) Day8 - pg19-21, journal #6abcd, do 1st highlighted Day9 - pg22-24, journal #6efgh, do last two highlighted	Word Problems with Exponentials http://mrsk.ca/11U/PRACTICEexpWordProb.pdf Word Problems with Logarithms http://mrsk.ca/12U/PRACTICEh1eLOprobExpLog.pdf #3,5,6 http://mrsk.ca/AP/PRACTICElogWordProb.pdf	http://www.youtube.com/playlist?list=PLGTiCNN99jHkY2ubG1MSBctZakr0P-h2k		
	Activities	Skittles or M&M Hands On Activity http://mrsk.ca/AP/M+MactivityForFun.pdf Tarsia Puzzles http://mrsk.ca/AP/TarsiaLogExpSolve.pdf http://mrsk.ca/AP/TarsiaLogInverses.pdf http://mrsk.ca/AP/TarsiaLogSimplify.pdf http://mrsk.ca/AP/TarsiaLogLaws.pdf http://mrsk.ca/AP/TarsiaLogLaws2.pdf http://mrsk.ca/AP/TarsiaLogSimplify2.pdf			
		Mixed Questions http://mrsk.ca/AP/PRACTICEallLOGSfullANS.pdf http://mrsk.ca/AP/PRECALCallLOGS.pdf http://mrsk.ca/AP/PRACTICEallLOGSa.pdf http://mrsk.ca/AP/PRACTICEallLOGSb.pdf http://mrsk.ca/AP/PRACTICEexpLog.pdf http://mrsk.ca/AP/PRACTICEsolveExpLogFULLsol.pdf http://mrsk.ca/AP/PRACTICErewriteExpSolveExpLog.pdf http://mrsk.ca/AP/PRECALCexpLogEqtnWordProb.pdf	http://albartlett.org/presentations/arithmetic_population_energy_video1.html		

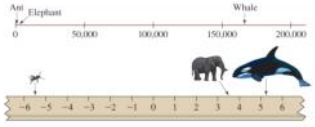
Top ln(e^10) reasons why e is better than pi

10) e is easier to spell than pi.
9) pi ~= 3.14 while e ~=2.718281828459045.
8) The character for e can be found on a keyboard, but pi sure can't.
7) Everybody fights for their piece of the pie.
6) ln(pi^1) is a really nasty number, but ln(e^1) = 1.
5) e is used in calculus while pi is used in baby geometry.
4) 'e' is the most commonly picked vowel in Wheel of Fortune.
3) e stands for Euler's Number, pi doesn't stand for squat.
2) You don't need to know Greek to be able to use e.
1) You can't confuse e with a food product.

When physical quantities have a very large variance, it can be useful to take the logarithm first, so that the numbers become more manageable. This is called a logarithmic scale – where numbers are represented by their logarithms.

For example, if we needed to discuss the weights of an ant, elephant, and whale:

Animal	W (kg)	$\log W$
Ant	0.000003	−5.5
Elephant	4000	3.6
Whale	170,000	5.2



Websites used
http://web2.slc.qc.ca/mh/009/Default.htm
http://www.horton.ednet.ns.ca/staff/wheadon/