

Pre-Calculus 12 - Assignment List

TERM ONE

Sec	Topic	Assignment	
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	<u>Polynomial Expressions and Functions</u>		
1.1	Dividing a Polynomial by a Binomial	p. 7	3ac, 4ad, 6, 7a, 8a, 9-12, 14
1.2a	Factoring Polynomials - The Remainder Theorem	p. 19	3, 4a, 6-8, 14, 15
1.2b	Factoring Polynomials - The Factor Theorem	p. 19	1, 2, 5, 9-13
1.3	Graphing Polynomial Functions	p. 32	A-D, 1, 2
1.4a	Relating Polynomial Functions and Equations	p. 46	1, 3-8, 14, 15
1.4b	Relating Polynomial Functions and Equations (Day 2)	p. 46	2, 9-13, 16
1.5	Modeling and Solving Problems with Polynomial Functions	p. 61	1, 2, 5-7, 10, 12
	<u>Radical and Rational Functions</u>		
2.1a	Properties of Radical Functions	p. 89	1, 2, 5ac, 6, 8, 10-12, 14
2.1b	Solving Radical Equations	p. 89	3, 9, 13, supplement
2.2	Graphing Rational Functions	p. 101	A, B, 1-3
2.3a	Analyzing Rational Functions	p. 113	1, 2, 4, 5ab, 6ac, 7ab, 9, 10
2.3b	Solving Rational Equations	p. 113	3, 8, 11, supplement
2.4	Sketching Graphs of Rational Functions	p. 134	1, 2, 3b, 4a, 5-7, 8a
	Functions Review		supplement
	<u>Transforming Graphs of Functions</u>		
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3.2	Reflecting Graphs of Functions	p. 183	1, 3, 5, 6b, 7-15
3.3	Stretching and Compressing Graphs of Functions	p. 201	3-8, 9a, 10, 11b, 12, 14, 16
3.4	Combining Transformations of Functions	p. 226	3-6, 7a, 8b, 9-12
3.5	Inverse Relations	p. 242	1, 2, 4, 5ad, 6, 7ab, 8-15
	<u>Combining Functions</u>		
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4.3	Introduction to Composite Functions	p. 298	3, 4, 7-10, 12-17
4.4	Determining Restrictions on Composite Functions	p. 314	1, 3-12, 14
	<u>Exponential and Logarithmic Functions</u>		
5.1	Graphing Exponential Functions	p. 341	C, 1-4
5.2	Analyzing Exponential Functions	p. 349	1-4, 6-10, 13
5.3	Solving Exponential Equations	p. 363	4, 5, 6ace, 7ac, 8, 9ace, 10ace, 11ac, 12-15
5.4a	Logarithms	p. 380	2-5, 6a, 7-9, 13, 15
5.4b	The Logarithmic Function	p. 380	10-12, 14, 16, 17

TEST DATES: Fri. Sep. 21, Fri. Oct. 12, Tue. Oct. 30
Term 1 Rewrite: Thu. Nov. 1

You must not miss any of these test days. NO OTHER MAKEUP TESTS will be scheduled. The makeup test is optional.

TERM TWO

Sec	Topic	Assignment
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5.4b	The Logarithmic Function	p. 380 10-12, 14, 16, 17
5.5	The Laws of Logarithms	p. 393 1-3, 4abc, 5-9, 11, 12ad, 13bd, 14, 15, 16bd, 17, 18
5.6a	The Change of Base Rule	p. 405 1, 3-5, supplement
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5.7a	Solving Exponential Equations	p. 421 7, 8, 10, 12, 14
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	Continuous Growth and Decay	supplement
	<u>Trigonometry</u>	
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6.1b	Trigonometric Ratios for Special Angles in Standard Position	p. 474 2, 6, 7, 10, 11
6.2	Angles in Standard Position and Arc Length	p. 483 A-D, 1-4
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8.5	Pascal's Triangle	p. 735 A-E, 1-4
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TEST DATES: Thu. Nov. 22, Fri. Dec. 7, Fri. Jan. 11

Term 2 Rewrite: Tue. Jan 15

FINAL EXAM: Thursday, January 24 and Friday, January 25

You must not miss any of these test days. NO OTHER MAKEUP TESTS will be scheduled. The makeup test is optional.