

	A	B	C	D	E	F
1	Algebra 2B		Text: CPM Math 3 (the Algebra 2 book)			
2		In-Class Work	Homework		MI standards	Objectives by chapter
3	Unit 6 Logarithms and Other			Materials Needed by chapter		
4	1	CC #1-5	CC # 6-15	RP	A2.2.3	Understand how to reverse a function
5	2	CC #16-19	CC # 20-28	graph paper	A1.2.3	Understand the relationship between a graph and its inverse
6	3	CC #29-32	CC # 33-42		A3.4.2	Understand the relationship between a graph and its inverse
7	4	CC # 43-45	CC #46-54		A2.2.3	Understand if a function has an inverse
8	5	CC # 55-59	CC # 60-68			Understand the inverse of an exponential function
9	6	CC # 69-72	CC #73-82		A1.1.6	Understand base two logarithms
10	7	CC # 83-85	CC #86-94		A1.1.6	Understand logarithms with various bases
11	8	CC # 95-99	CC # 100-108		A1.1.7	Understand the graph of the logarithm function
12	9	CC # 109-115	CC # 116-124		A1.1.7	Understand how to transform the logarithm graph
13	10	CC #125-130	CC #131-136		A1.1.6	Understand how to solve exponential equations using logarithms
14	11	CC # 137-139	CC #140-147			Understand how to write equations of exponential functions
15	12	CC # 148, 151-154	CC # 155-166			Understand how to apply logs to solve the murder mystery.
16	13	Team Quiz 6				
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20	Unit 7 Polynomials and General Systems					
21	14	CF # 1-6	CF #7-15			Und. the def. of polynomial and explore some polynomial graphs
22	15	Test Chapter 6				
23	16	CF# 16-17	CF #18-24	RP & GC		Und. the relationship btw. a factored polynomial funct. and its graph
24	17	CF #25-30	CF #31-36			Und. the effect of multiple factors on a polynomial function
25	18	CF #37-43	CF #44-49			Und. how to solve non-linear systems using a graph
26	19	CF #50-53	CF #54-60			Und. how to solve non-linear systems using a graph
27	20	CF #65-71	CF # 72-80		L2.1.5	Und. how to write complex numbers
28	21	CF # 81-84	CF #85-92		L2.1.5	Und. the relationship between roots and complex numbers
29	22	CF # 93-97	CF # 98-103			Und. How to write the equation of a polynomial function from the graph
30	23	CF #104-110	CF #111-121		L2.1.5	Und. The relationship between roots and complex numbers
31	24	CF #122-126	CF #127-133	RP, paper, ruler, scissors		Find the maximum volume in an application problem
32	25	CF # 136-138	CF #139-146			Summarize what was learned about polynomials and complex numbers
33	26	CF #148-150	CF #151-158			Start on a course summary
34	27	Team Quiz 7				
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	A	B	C	D	E	F
38	Algebra 2a cont'd					
39		In-Class Work	Homework		MI stnds	Objectives by chapter
40	Unit 8 Circular Functions					
41	28	CT #1-3	CT #4-11	RP		Investigate a circular function
42	29	Test 7				
43	30	CT #12-13	CT #14-21	RP		Understand that a circular function is periodic
44	31	CT #22-25	CT #26-34	RP	A3.7.1	Understand how to evaluate the sine function
45	32	CT #35-37	CT #38-45		A3.7.1	Understand how to evaluate the sine function
46	33	CT #46-48	CT #49-57			Understand transformations of the sine function
47	34	CT #58-61	CT #62-66			Understand transformations of the sine function
48	35	CT #67	CT #68-76			Use the sine graph to model a periodic situation
49	36	CT #77-80	CT #81-88	RP	A3.2.7	Understand the relationship between degrees and radians
50	37	CT #89-93	CT #94-101			Understand the cosine function
51	38	CT #102-106	CT #107-113			Use the cosine or sine graph to model a periodic situation
52	39	CT #114-117	CT #118-123			Use the cosine or sine graph to model a periodic situation
53	40	CT #124-128	CT #129-136	RP		Understand the graph of the tangent function
54	41	CT #137	CT #140-144			Use the tangent graph to model a periodic situation
55	42	CT #145-149	CT #151-157			Summarize sine, cosine, and tangent functions
56	43	Team Quiz 8				
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58	Unit 9 Triangles and Trigonometry					
59	44	ST #1-5	ST #6-13	graph paper		Understand the law of sines
60	45	Test 8				
61	46	ST #14-19	ST #20-26	graph paper		Und. How to find area of triangle given two sides and an included angle
62	47	ST #27-32	ST #33-39	graph paper		Understand how to apply law of sines
63	48	ST #40-45	ST #46-53	graph paper		Understand how to solve a triangle given three sides
64	49	ST #54-59	ST #60-66	graph paper		Understand the law of cosines
65	50	ST #67-72	ST #73-81	graph paper		Und. How to use a variety of approaches in solving triangles
66	51	ST #82-89	ST #90-95	RP, protractors		Understand the ambiguous triangle case
67	52	ST #96-103	ST #104-109	graph paper		Apply what was learned about law of sines and cosines to solve problems
68	53	ST #110-116	ST #117-122	graph paper		understand the inverse trig. Functions
69	54	ST #123-128	ST #129-139			Summarize what they have learned about solving triangles
70	55	Team Quiz 9				
71	56	REVIEW FINAL				