

MATH 130 FINAL EXAM OBJECTIVES

NO.	MATH 130 - TRIGONOMETRY OBJECTIVES	ASSESSMENT PROBLEM NO.
3	Solving right triangles (applications)	13, 17, 35
3	Finding trig functions given another trig function value and quadrants	1, 2, 3
5	Use identities to simplify an expression	4, 5, 42, 43, 50
1	Coterminal angles	6
7	Inverse trig functions	7, 8, 9, 10, 18, 25, 44
1	Arc length	11
1	Area of a sector	12
5	Trig graphs (amplitude, period, phase shift, vertical translation)	14, 15, 46, 48, 49
7	Use the identities to find values of trig functions	19, 20, 21, 22, 24, 23, 26,
4	Solve trig equations	16, 27, 28, 29
5	Solve triangles using the law of sines or the law of cosines	30, 31, 34, 36, 45
2	Area of a triangle	32, 33
1	Operations on complex numbers in standard form	41
1->0	Complex number from standard form to trig form	
2	Operations on complex numbers in trig form	37, 38
1	Use DeMoivre's Theorem	39
1	Finding roots of a complex number	40
1	Convert between radians and degrees	47