Topics Covered on Final Exam, Math 1523, Spring 2014

1)	Arithmetic sequences/series [find general term, find a specific term, find number of term
	finding sum of terms]
2)	Geometric sequence/series [find general term, find a specific term, finding sum of finite geometric series, finding sum of infinite geometric series]
3)	Angles [find reference angle, convert radian to degree and vice versa]
4)	Graphs [amplitude, period]
5)	Inverse Trig. Function [find angle of right triangle, solve of type trig(trig -1 (#))]
6)	Find side or angle of a given right triangle
7)	Know basic identities
8)	Know sin 2 x and cos 2 x
9)	Solve trigonometric equation
10)	Use law of sines and law of cosines to find side or angle of given triangle
11)	Find area of triangle using special formulae
12)	Vectors [norm, direction angle, dot product, orthogonal, angle between two vectors]
13)	Trig. form to complex and complex form to trig. form
14)	Parabola [vertex, focus, directrix, find equation given information]
15)	Ellipse [center, vertices, foci, find equation given information]
16)	Hyperbola [center, vertices, foci, asymptotes, find equation given information]