1) Arithmetic sequences/series [ find general term, find a specific term, find number of terms,
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 ]
