Graphing Trig Functions

Using degrees, find the amplitude and period of each function. Then graph.

1)
$$y = \sin 3\theta$$



3)
$$y = 2\sin\frac{\theta}{3}$$



$$5) \ \ y = 3\cos\frac{\theta}{2}$$



2)
$$y = 4\cos 3\theta$$



4)
$$y = \tan 2\theta$$



6)
$$y = \frac{1}{2} \tan \theta$$



Kuta Software Graphing Trig Functions

Jianjun Gao

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Graphs of Trigonometric Functions Marilyn Occhiogrosso, 2007-09-01 This easy to use packet is full of stimulating activities that will give your students a solid introduction to graphing trigonometric functions A variety of puzzles and self check formats will challenge students to think creatively as they work to build their trigonometric skills Each page begins with a clear explanation of a featured trigonometric topic providing extra review and reinforcement trigonometric functions Christine A. Pallo, 1998 Trigonometry, a Graphing Approach Study and Solutions Guide Roland E. Larson.1995 Trigonometry Michael Sullivan, 1996 Designed for a college Trigonometry course which requires that students use a graphing calculator or a computer software graphing package This text uses the graphing utility to enhance the study of mathematics Technology is exmphasized as a tool to solve problems motivate concepts and explore mathematical ideas Sullivan's Series Enhanced with Graphing Utilities provides clear and focused coverage Many of the problems are solved using both algebra and a graphing utility and the text illustrates the advantages and benefits of each approach Technology is used to solve problems when no algebraic solution is available and to help students visualize certain concepts Topics such as curve fitting and data analysis and CBL projects are incorporated as appropriate Trigonometry Marvin L. Bittinger, 2001 Trigonometry Graphs and Models 2 e covers college level trigonometry and is appropriate for a one term graphing calculator required course The approach of this text is more interactive than most algebra texts and the goal of the author team is to enhance the learning process through the use of technology and to provide as much support and help for Trigonometry Marvin L. Bittinger, 1998 students as possible

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