



Standard #: MAFS.912.F-TF.2.7

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Use inverse functions to solve trigonometric equations that arise in modeling contexts; evaluate the solutions using technology, and interpret them in terms of the context. ★

Subject Area: Mathematics	Grade: 912
Domain-Subdomain: Functions: Trigonometric Functions	Cluster: Level 2: Basic Application of Skills & Concepts
Cluster: Model periodic phenomena with trigonometric functions. (Algebra 2 - Additional Cluster) - Clusters should not be sorted from Major to Supporting and then taught in that order. To do so would strip the coherence of the mathematical ideas and miss the opportunity to enhance the major work of the grade with the supporting clusters.	Date Adopted or Revised: 02/14
Content Complexity Rating: Level 2: Basic Application of Skills & Concepts - More Information	Date of Last Rating: 02/14
Status: State Board Approved	

Related Courses

Course Number	Course Title
1202340:	Pre-Calculus (Specifically in versions: 2014 - 2015, 2015 and beyond (current))
1211300:	Trigonometry (Specifically in versions: 2014 - 2015, 2015 and beyond (current))
1298310:	Advanced Topics in Mathematics (formerly 129830A) (Specifically in versions: 2014 - 2015, 2015 and beyond (current))
1201315:	Analysis of Functions Honors (Specifically in versions: 2014 - 2015, 2015 and beyond (current))

Related Resources

Tutorial

Name	Description
LSSS Tutorial: Introduction to Vectors and Scalars:	This resource is intended to serve as a concise introduction to vector and scalar quantities for teachers of secondary math and science. It provides definitions of vectors and scalars as well as physical examples of each type of quantity, and also illustrates the differences between these two types of quantities in both one and two dimensions, through determinations of both distance (scalar) and displacement (vector).