

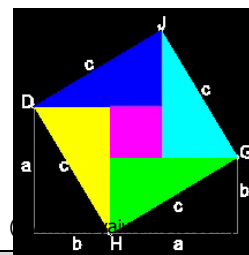
Honors Math 2 Unit 5: Modeling with Trigonometry

Name _____

Unit 5: Modeling with trigonometry introduces the student to the basic trig functions of Sine, Cosine, and Tangent. The functions are explored using right triangles, oblique triangles, and as functions with a single period.

In this unit, students will . . .

- Solve problems using sine, cosine, and tangent.
- Solve right and oblique triangles using sine, cosine, and tangent.
- Explore 1 period of the sine, cosine, and tangent functions.



Date	Day of Unit	Lesson	Assignment
Mon 11/21	1	Right Triangle Trigonometry and SOH-CAH-TOA	Packet p. 1 odd, Packet p. 2 all AND Clinometer
Tues 11/22	2	More with Right Triangle Trigonometry and SOH-CAH-TOA Clinometer Due Today!!!	Packet p. 3 even, Packet p. 4 all
Wednesday - Friday		11/23 - 11/25	Thanksgiving break
Mon 11/28	3	Practice with Right Triangle Trigonometry Clinometer lab	Packet p. 5 and 6
Tues 11/29	4	Law of Sines AND Finding Areas of Triangles with Sine	Packet p. 7 Odds Packet p. 8 All
Wed 11/30	5	Ambiguous Case with Law of Sines	Packet p. 9 ALL
Thurs 12/1	6	Law of Cosines	Packet p. 10 (circled ones), Read Packet p. 11, Do Packet p. 12 odds and #18
Fri 12/2	7	Quiz #1 EARLY RELEASE DAY	

****This unit will continue – a 2nd cover page will be provided after Thanksgiving Break****