

Name \_\_\_\_\_

## Trigonometric Web Activity Scoring Rubric

	<b>Goal Not Met</b> 0-1-2 points	<b>Mastered</b> 3 points	<b>Perfection</b> 4 points
Definitions of Trigonometric Function At least 9 out of 12 questions are correct.			
Values of Function in the First Quadrant At least 24 out of 30 questions are correct.			
WIMS Simple: Rewrite Degree to Radians At least a score of 8 is earned.			
WIMS Simple: Rewrite from Radians to Degrees At least a score of 8 is earned.			
WIMS Sine or Cosine & Degrees [Applet] At least a score of 8 is earned.			
WIMS Sine or Cosine & Radians [Applet] At least a score of 8 is earned.			
Magnus-Karlsson Trig Test At least 8 out of 10 questions are correct.			
Interactive Unit Circle At least 6 out of 8 angles are matched.			
<b>Total Points</b>			
<b>This Web Activity is out of 30 points. It is possible to earn up to 34 points.</b>			

# Trigonometric Web Activities

[http://www.batesville.k12.in.us/Physics/CalcNet/Trig\\_Review/Trig\\_Review.html](http://www.batesville.k12.in.us/Physics/CalcNet/Trig_Review/Trig_Review.html)

**Take the first two quizlets only!**

## Definitions of Trigonometric Functions

12 questions on definitions of trig functions; Take the quiz at least twice.

Mastery Level is at least an 75%.

Record your Quiz Summary Data below:

Number Correct: \_\_\_\_\_

Number Correct: \_\_\_\_\_

Number Missed: \_\_\_\_\_

Number Missed: \_\_\_\_\_

Number Skipped: \_\_\_\_\_

Number Skipped: \_\_\_\_\_

Overall Quiz Percentage: \_\_\_\_\_

Overall Quiz Percentage: \_\_\_\_\_

Teacher Verification: \_\_\_\_\_

Teacher Verification: \_\_\_\_\_

## Values of Functions in the First Quadrant

30 questions on evaluating trig functions; Take the quiz at least twice.

Mastery Level is at least an 80%.

Record your Quiz Summary Data below:

Number Correct: \_\_\_\_\_

Number Correct: \_\_\_\_\_

Number Missed: \_\_\_\_\_

Number Missed: \_\_\_\_\_

Number Skipped: \_\_\_\_\_

Number Skipped: \_\_\_\_\_

Overall Quiz Percentage: \_\_\_\_\_

Overall Quiz Percentage: \_\_\_\_\_

Teacher Verification: \_\_\_\_\_

Teacher Verification: \_\_\_\_\_

<http://wims.unice.fr/wims/wims.cgi?session=4H0BB3CD84.3&+lang=en&+module=H4%2Fgeometry%2Fradialen%2D1.en>

Mastery Level is at least a score of 8.

Which Topic? Simple: Rewrite Degrees to Radians

Difficulty Level: Very Difficult

Number of Exercises: 5

Accuracy of Answer: Not Applicable

Usage of Exercise: Used for Training

FINAL SCORE: \_\_\_\_\_

Teacher Verification: \_\_\_\_\_

Which Topic? Simple: Rewrite from Radians to Degrees

Difficulty Level: Very Difficult

Number of Exercises: 5

Accuracy of Answer: Not Applicable

Usage of Exercise: Used for Training

FINAL SCORE: \_\_\_\_\_

Teacher Verification: \_\_\_\_\_

Which Topic? Sine or Cosine & Degrees [Applet]

Difficulty Level: Very Difficult

Number of Exercises: 10

Accuracy of Answer: Not Applicable

Usage of Exercise: Used for Training

FINAL SCORE: \_\_\_\_\_

Teacher Verification: \_\_\_\_\_

Which Topic? Sine or Cosine & Radians [Applet]

Difficulty Level: Very Difficult

Number of Exercises: 10

Accuracy of Answer: Not Applicable

Usage of Exercise: Used for Training

FINAL SCORE: \_\_\_\_\_

Teacher Verification: \_\_\_\_\_

**<http://magnus-karlsson.nu/mathplets/trig/trigtest.html>**

You are given a set of 10 multiple choice questions about the unit circle.

The test is timed (although there is no limit).

You are to complete at least two testing sessions and record you scores and time below.

Mastery Level is at least an 80%.

***Bonus is awarded for perfect scores of 10 in under 1:00.***

Number Correct \_\_\_\_\_ out of 10.

Number Correct \_\_\_\_\_ out of 10.

Time: \_\_\_\_\_

Time: \_\_\_\_\_

Teacher Verification: \_\_\_\_\_

Teacher Verification: \_\_\_\_\_

**<http://www.mathlearning.net/learningtools/Flash/unitCircle/unitCircle.html>**

An interactive unit circle to play with. Take the 8 problem quiz at least twice.

Mastery Level is at least a 75%.

Quiz Score: \_\_\_\_\_ out of 8.

Quiz Score: \_\_\_\_\_ out of 8.

Teacher Verification: \_\_\_\_\_

Teacher Verification: \_\_\_\_\_

### **Supplementary Websites to Explore**

**<http://id.mind.net/~zona/mmts/trigonometryRealms/radianDemo1/RadianDemo1.html>**

The definition of a radian.

**<http://www.wou.edu/~burtonl/trig.html>**

Look ahead to next week and see how the unit circle values are used to generate the graphs of sine and cosine functions.

**<http://www.mste.uiuc.edu/users/pavel/java/unitcircle/>**

An interactive unit circle for reference.