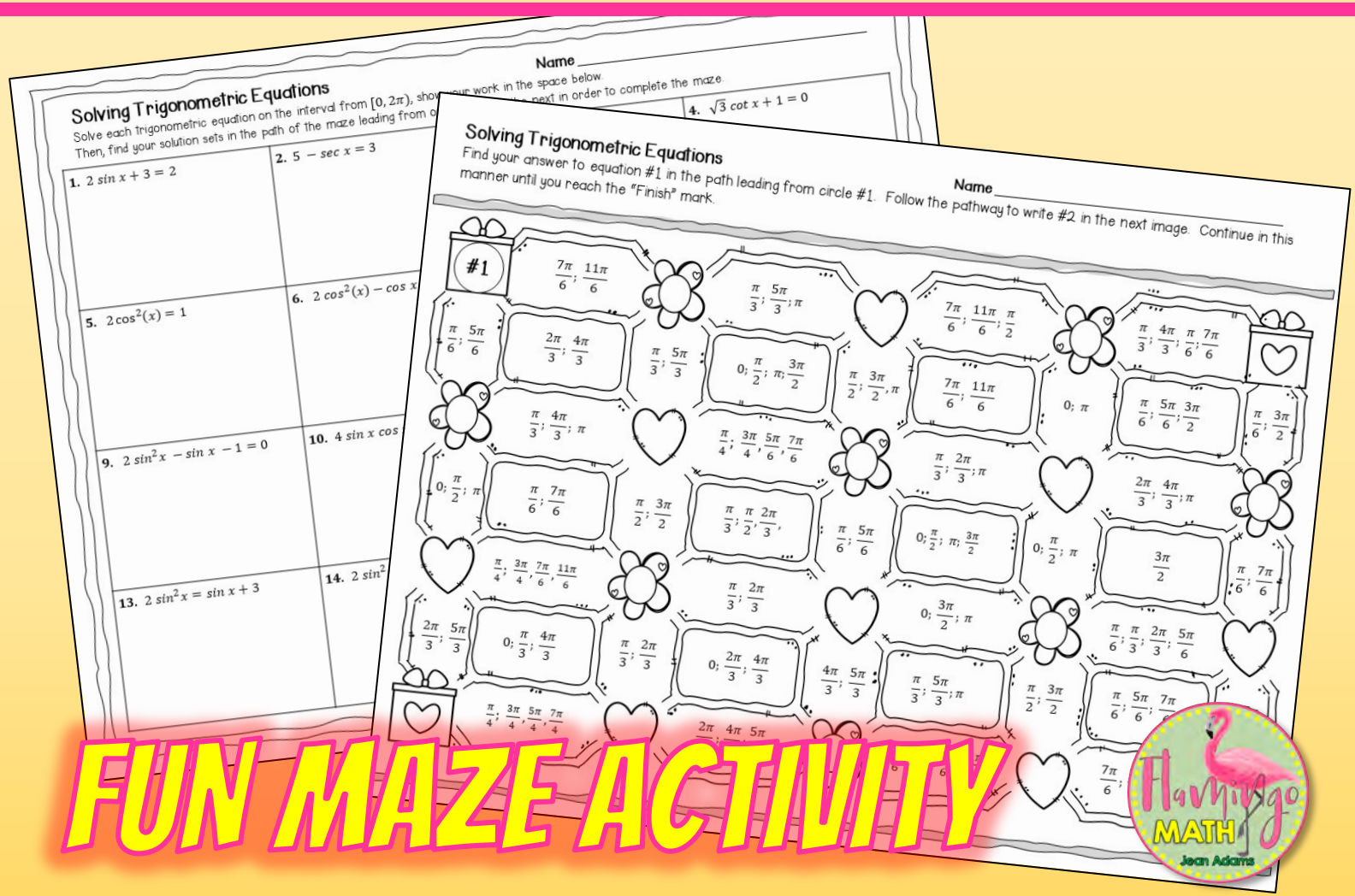
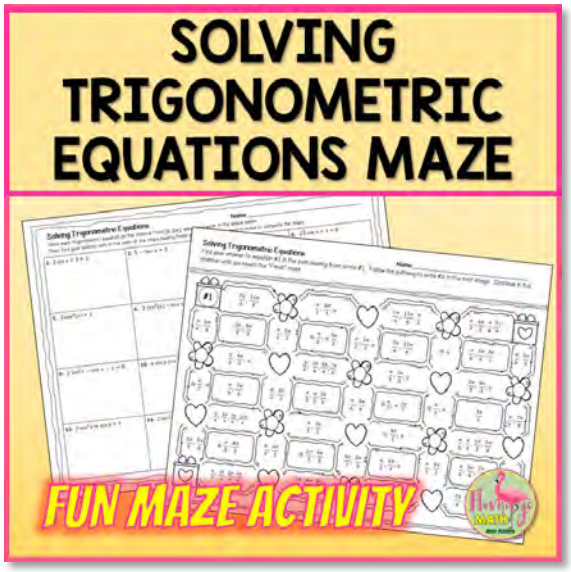
SOLVING TRIGONOMETRIC EQUATIONS MAZE



FUN MAZE ACTIVITY

Flamingo MATH
Jean Adams

Solving Trigonometric Equations Maze Activity



KEY CONCEPTS/TOPICS:

1. Solve trigonometric equations for $[0, 2\pi)$

GENERAL DIRECTIONS:

Students work with a unique set of 16 questions. As the solution set is found, you will locate the answer on the "MAZE BOARD," and follow the path to each successive question to complete the maze.

Product Overview

Solving Trigonometric Equations Maze Activity

This activity is designed to help your PreCalculus students review key concepts related to solving trigonometric equations over the interval of $[0, 2\pi)$. There are 16 questions in the activity. Students will have a recording sheet to show their work. When the equation is solved, the student will locate their answer on the ***Maze Board*** where they will record the number of their solution to equation #1 and then follow the pathway to question #2 until the "Finish" mark is reached.

Students should work on their individual worksheet, without the aid of a graphing calculator.

About this Activity:

Your PreCalculus students will have 16 unique trigonometric equations to solve on a recording sheet. All solution sets will be in radian measure and on the interval from $[0, 2\pi)$.

Solutions will be found on the "Maze Board", where students will follow the path to record the question number on their specific answer to reach the "Finish" mark.

This is a fun approach to review Solving Trigonometric Equations before the end of the unit on Trigonometric Functions and Graphs.

An answer key is provided as well as a completed solution set.

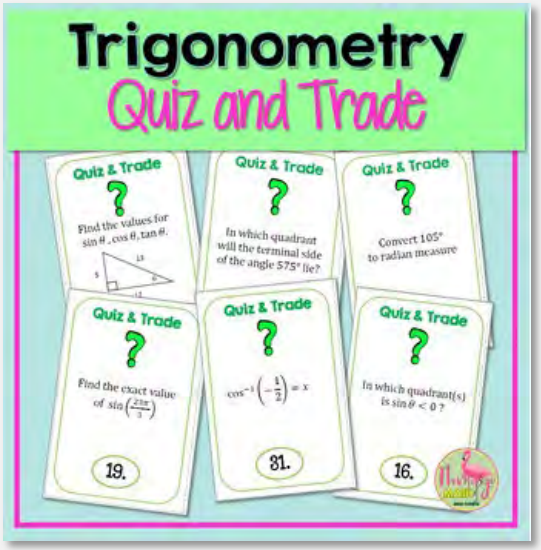
Have a wonderful week!

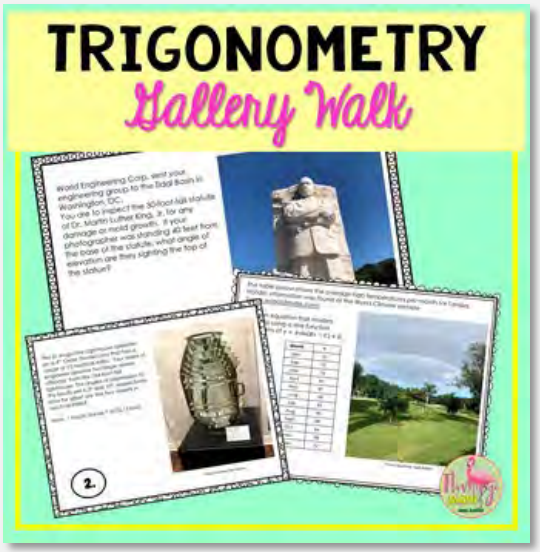
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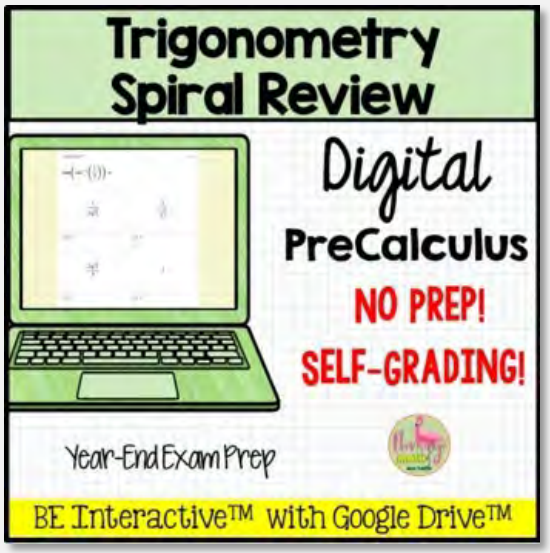
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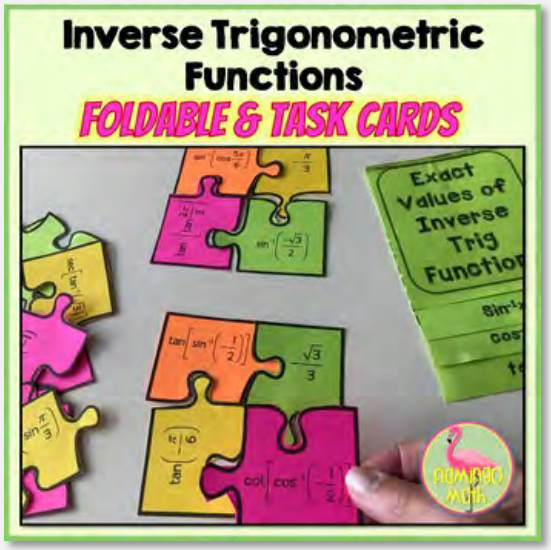
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