

Name: \_\_\_\_\_ Period: \_\_\_\_\_

Write a study guide that explains sine and cosine graphing. The guide should include an explanation of:

- Basic sine and cosine graphs, including key points, domain, range, amplitude and period.
- Amplitude change
- Period change
- Phase (horizontal) shifts
- Vertical shifts
- Formulas
- Drawing graphs based on equations
- Writing equations based on graphs
- Works cited page (credible sources only)
- Optional: Graphing with a calculator including window & mode

Each bullet point above should have a separate page in your study guide.

Write clearly and concisely using drawings and graphs to explain concepts using step-by-step directions. Do not use conversational language; use formal language.

The study guide may be in the form of a booklet, pamphlet, or flash cards.

You will be graded on accuracy, clarity and creativity.

The project will count as a test grade.