

## Topics for the Second Midterm Exam

- Inverse trigonometric functions.
- Solving triangles.
- The Law of Sines.
- The Law of Cosines.
- Basic trigonometric identities.
- Simplifying trigonometric expressions and proving trigonometric identities.
- Solving trigonometric equations.
- Conic sections, including parabolas, ellipses, and hyperbolas.

These topics are covered in Chapters 6, 7, and 11 of the recommended textbook (by Stewart, Redlin, and Watson).