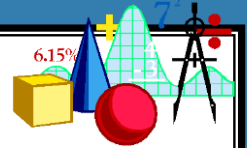


Mathematics, Algebra I

Unit VIII: Lesson 1

Trig. Table: **In the Footsteps of Hipparchus**



Research how the tangent ratio of angles can be calculated by the use of a convergent series.

Create and compare several tables of tangent values of angles from  $0^\circ$  to  $90^\circ$ . For each table, use a different number of terms in the series.

Make a poster of each table for classroom use. Write a report of the merits of each.