Categories/types of problems to review

Note: I will give you a “toolbox” sheet for the Trig ID problems.

**Functions**

Drawing Picture from a Description (point to quizzes, test, example: “Volume of a balloon when letting air out of a balloon.”)

Matching Parent Functions (point out review sheet)

Graphing & Sketching Functions (give a function, type it into the calculator, etc.)

Functions from a Table (practice w/ example)

Odd, Even, Neither Functions (after giving definition, students sketch even/odd functions themselves)

\*\*Shifting left/right/up/down, stretching left/right/up/down [give a picture of f(x), sketch f(x-2)]

**Angles**

Standard Position (example/practice w/ random angle)

Reference Angle (example/practice)

Finding sin, cos, tan, cot, sec, csc of an angle (use calculator)

**Parametrics**

Graph given function (example: x=3sin(2T), y=4cos(4t))

\*\*Link Sheets (look at notes, test)

**Trig and Triangles**

Find measure of a missing side (make up example)

Find measure of a missing angle (make up an example)

**Sinusoidal Waves**

Identify and graph sin, cos (radian & degrees)

Finding Period, Amplitude, Sinusoidal Axis, Wave Displacement (y = C + A sin (B (\theta – D))

Converting Degrees to Radians

**Trig Equations & Identities**

Solve for various identities

Note: There will also be ACT questions based on the above topics.