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- 1. Total area of the ziggurat is 162.5
- 2. A(1) = 0.5077A(2) = 0.2431
 - A(3) = 0.0615
 - A(4) = 0.0523
 - A(5) = 0.0431
 - A(6) = 0.0338
 - A(7) = 0.0615
- 3. 0 to 33 degrees: $(\sin \alpha_2 \sin \alpha_1) = (\sin 33 \sin 0) = 0.5446$
 - 33 to 51 degrees: (sin 51 sin 33) = 0.2325 51 to 57 degrees: (sin 57 - sin 51) = 0.0615
 - 57 to 63 degrees: $(\sin 63 \sin 57) = 0.0523$
 - 63 to 69 degrees: (sin 63 sin 57) = 0.0523
 - 69 to 75 degrees: $(\sin 75 \sin 69) = 0.0323$
 - 75 to 90 degrees: $(\sin 90 \sin 75) = 0.0341$

There is a remarkable correlation between the ancient and modern values. The exception is the top zone A(7), which was used as a temple or observatory and was of variable height.

Additional properties will be examined in forthcoming problems.