

Assignment 11

1. Find the seked of a pyramid whose height is 25 cubits and whose base is 300 cubits.
2. Using the Egyptian method from the Rhind Mathematical Papyrus, find the area of a circle with diameter 36 cubits. Express your answer in terms of square cubits.
3. To be turned in on Thursday, February 14: Using Egyptian methods, find the volume of a cylindrical granary, i.e., with a circular base, where the height of the granary is 45 cubits and the diameter of the base is 18 cubits. Express your answer in terms of cubic cubits.