1056-J1-1907   **Bill Linderman*** (`wclinder@king.edu`), 105 Overbrook Drive, Bristol, TN 37620. *Egyptian Fractions.* Preliminary report.

The ancient Egyptians represented fractions as sums of unit fractions (fractions with numerator 1). There are many problems in this area - some unsolved and some that are quite accessible. We investigate some of the properties of Egyptian fractions and present several methods for determining their representations. (Received September 22, 2009)