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V. Frederick Rickey* (fred.rickey@me.com), 11 Stately Oaks, Cornwall, NY 12518, and
Theodore J. Crackel. *What mathematics did George Washington know before he became a professional surveyor and how did he use it?* Preliminary report.

Between the ages of 13 and 15, George Washington compiled two cyphering books consisting of 180 manuscript pages. Whether he learned mathematics from tutors, from teachers, from his half-brother Austin, or on his own from various books, we do know that he mastered a good deal of arithmetic, geometry, logarithms, trigonometry, surveying and other material. We will describe in detail what he learned and show how he used it — or did not use it — in the youthful surveys in his cyphering books. (Received September 11, 2012)