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Sage-Math has proved to be an efficient tool that can handle most standard exercises in linear algebra. Since after we realized it, we have done an extensive experimental research, and developed approximately one hundred basic commands in Sage-Math for most of the concepts and computational needs of an introductory linear algebra course. These tools can be found on our website on contemporary linear algebra with Sage: <http://matrix.skku.ac.kr/2011-sage/sage-la>. In this talk, we introduce the contents and discuss how to utilize it for an effective teaching of linear algebra. (Received September 21, 2011)