

ARITHMETIC FOR BEGINNERS, by J. Brooksmith, M. A., LL. B., St. John's College, Cambridge, England, and E. J. Brooksmith, B. A., LL. M., Instructor of Mathematics at the Royal Military Academy, Woolwich, England; pp. 191, 12mo. (London, MacMillan & Co., and New York, 1889). This is a capital book for schools in England and is a good book here. A chapter is devoted to the "Decimal Money" and the Metric System; but there is so much of the antiquated tables of money, weights and measures, which in other generations must drift out of general use in the world, that we can commend it to the teacher as a collection of well graded exercises from which he can cull, rather than to the pupil who has to prepare himself for future work at the least possible expense of time and effort.

AUS DEM STAAT FRIEDRICHS DES GROSSEN, von Gustav Freytag, edited with notes by Hiram Hager, Ph. D. (Leips.) Lecturer in the German Language and Literature in the Owens College, Victoria University, Manchester. pp. 115, paper. (D. C. Heath & Co., Boston, New York and Chicago, 1889.) Heath's Modern Language Series is a most valuable acquisition to us English. The gems of foreign literature are brought before us under the most delightful circumstances possible—good print, careful editing and notes, showing the soundest judgment as to the best manner of making the difficult easy. This volume is a good example of the series.

THE ELEMENTS OF ASTRONOMY, a text book for use in high schools and academies, with a Uranography by Charles A. Young, Ph. D., LL. D.; pp. VII + 470, 8vo., \$1.55. (Ginn & Co., publishers, Boston, U. S. A., and London.) This is a handsome volume, with a capital analysis of matter expressed in its typography. The treatment of the subject is admirable; for without introducing higher mathematics than the algebra and geometry of our high schools, all the leading principles of the science are very clearly presented. Occasionally in the foot notes and appendix a trigonometric formula appears for the benefit of the more advanced student. A description of the constellations, with star-maps, is also included in the appendix. Its astronomical data are the newest. On the whole, we cannot say that we have seen a better presentation of the subject in any elementary form.

LIVY, Book XXI, with notes and vocabulary, by J. E. Melhuish, M. A., Assistant Master in St. Paul's School. London: MacMillan & Co., and New York. This is a neat little volume in the elementary classic series, which has proved so cheap and valuable to the student. The notes and vocabulary are so complete that the student needs no other aid to the text than a good grammar.

FRACTIONS. Ginn & Co., Boston, publish two very useful little pamphlets—a teacher's edition and a pupil's edition of objective and oral work in fractions. Both are illustrated with diagrams, many of which are attractively colored, and many examples are given for seat-work. In the hands of an intelligent teacher these pamphlets should lead to a clear and accurate knowledge of fractions. Price, 35 cents each.

A SHORT HISTORY OF THE ROMAN PEOPLE, by Wm. F. Allen, late Professor of History in the University of Wisconsin, pp. 370, mailing price, \$1.10. Boston, Ginn & Co., publishers. Students who have read the interesting volumes recently published by Ginn & Co.—Myers' General History and his History of Ancient Greece—will welcome this one, which is

in the same series, by the late Prof. Allen. This sketch of Roman history places especial emphasis upon two series of events: first, the policy and process by which the Roman Dominion was secured and organized during the Republic, its reorganization under the Empire, and final disruption at the time of the German migrations; secondly, the social and economical causes of the failure of self-government among the Romans, and the working of the same forces under the Empire; in this point of view the history of religion among the Romans is carefully traced. In maps and typographical excellence the book is all that could be desired. The "errata" slip at the end of the book, the insertion of which was, no doubt, unavoidable, should be consulted by the student before beginning his readings.

SYNTAX OF THE MOODS AND TENSES OF THE GREEK VERB, William Watson Goodwin, LL. D., Eliot Professor of Greek Literature in Harvard University. Ginn & Co., Boston, U. S. A. We welcome with decided satisfaction this beautiful and much enlarged edition of a work which, in its previous form and humbler dimensions, has been greatly valued by students of the Greek language. It is one of the most important contributions to Greek syntax of recent years. And although it may not attain the popularity of former editions, it will be more highly prized as a work singularly useful for private study and as a book of reference. We would say that the most distinguishing feature of the new edition is "the discussion of the origin and development of constructions." But when the work, from beginning to end, affords abundant evidence of mature study and intimate acquaintance with the Greek scholarship of Europe and America, it becomes a difficult task, particularly after a cursory examination, to single out sections as being more admirable than others. Everywhere there is indisputable evidence that the author is profoundly versed in the literature of Greek criticism, eminently discerning and sensible, and gifted with that rare attribute of scholar's lucidity in statement. This volume will prove an inestimable boon to all students and teachers of the Greek language.

JEANNE D'ARC, by A. DeLamartine, edited with notes and a vocabulary by Albert Barrère, Professor Royal Military Academy, Woolwich, England; Examiner to the War Office; Officier De L'Instruction Publique. pp. 188, paper. (D. C. Heath & Co., Boston, New York and Chicago, 1889.) This small volume is another good example of Heath's Modern Language publications. In addition to foot-notes there is a vocabulary of words unlike the English, so that the reader has a vocabulary unburdened with any unnecessary words, and every facility to read the volume at sight. The volume is not only a leading French classic, but the subject matter is of the deepest interest were it but rudely translated into English. It is worth study alone for the intensely vivid picture of a very strange character in a very remarkable age.

LABORATORY MANUAL OF EXPERIMENTAL PHYSICS. A brief course of quantitative experiments intended for beginners; by Albert L. Arey, C. E., Instructor in Physics, Rochester Free Academy, with illustrations pp. 200, \$0.75. (Syracuse, N. Y., C. W. Bardeen, publisher, 1890.) Progress is certainly being made in our science text-books. They are becoming guides to science instead of substitutes. Seventy leading experiments are described, with a blank ruled page opposite to record the results. It is more correct to say the seventy experiments