explained. Chapter V. treats of the solution of trigonometrical equations. Then the formulé for the solution of right and oblique triangles are given in full, and a lot of theorems on inscribed and described circles with a large number of exercises. Finally, on page 166, the first right triangle is solved, by logarithms of course! Then follow the other cases in the solution of triangles.

The last two chapters of the plane trigonometry treat very properly of the construction of trigonometrical tables and De Moivre's theorem. In a foot-note, De Moivre is called a French geometer. It is true he was born in France, but he should rather be styled an English mathematician. In another note (page 91), speaking of the Naperian system, the author says it is so called from the inventor, Baron Napier. He should have said it is so called in honor of the inventor of logarithms. He gives the date of the introduction of Briggsian logarithms as 1615. They were suggested to Briggs in 1615, or about that time, but they could not be said to have been introduced until two years later. It is odd in such a small number of historical references the author should have contrived to make so many mistakes. He calls are sin, etc., the French, when he might have described it as the continental notation. Referring to addition and subtraction logarithms, he names only J. Zech, Berlin, as compiler of such tables. One would expect reference to Gauss, if to any one. There are numerous minor points which are quite worthy of commendation, but, on the whole, in the writer's opinion, the trigonometry is not nearly as satisfactory as other volumes in the series.

AMONG THE PUBLISHERS.

The Open Court Publishing Co. will issue for the holidays "Truth in Fiction, Twelve Tales with a Moral," by Paul Carus.

—Besides the serials which begin in the November and December numbers of the magazine, The Century has in preparation for the ensuing year many other important features, only a few of which can be mentioned here. "Good Roads" will be one of the subjects, the important matters of street-paving and railroad-crossings being treated with the qualifications of recent researches. Papers on educational institutions and methods in America are in preparation.

—The December Atlantic will contain a description of being "Alone on Chocoura at Night," by Frank Bbiles, author of "Land of the Lingering Snow."

—A semi-centenarian: America's venerable and only weekly eclectic. Little's Living Age. This standard weekly is the oldest concentration of choice periodical literature printed in this country. It holds a unique position in the magazine world—a monthly that comes every week—a single magazine that contains the cream of all. Those who desire a thorough compendium of all that is admirable and noteworthy in the literary world will be spared the trouble of wading through the sea of reviews and magazines published abroad; for they will find the essence of all compacted and concentrated here. Its prospectus for 1899 presents some special attractions and is well worth attention in selecting one's reading-matter for the new year.

—With the number for November, 1892, The Century Magazine began a new volume. In November is also given the first installment of "The Letters of Two Brothers." This series consists of extracts from letters which passed between the late General Sherman and his brother, Senator Sherman, at critical periods in American history, and are edited by General Sherman's daughter. Other serials beginning in this number are on "Science and the Bible"; the first paper, "Does the Bible Contain Scientific Errors?" being by Professor Shields of Princeton; to be followed by "The Effect of Scientific Study upon Religious Beliefs." The December Century will be a thorough-going Christmas number, full of Christmas stories, Christmas poems, etc., and with many full-page and other illustrations.

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