# Graded Lessons in Arithmetic Volume 6

By Wilbur Fisk Nichols

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1898 Excerpt: .to cover a 9-inch cube, than to cover a cylinder whose height and diameter are each 9 inches? 15. Find the volume of a cylinder whose altitude is 7 ft. 4 in. and the diameter of the base 5 ft. To illustrate this principle there should be in the room a hollow cone and cylinder, each having the same base and altitude, also a hollow pyramid and prism, each having the same base and altitude. These can easily be made from cardboard. Using sand or sawdust, let each pupil determine, by measuring, the ratio or relation of the contents of the cone to the contents of the cylinder, and the contents of the pyramid to the contents of the prism. This they will find to be one-third. Note.--To find surface, the slant height must be known; but to find volume or contents, the altitude must be...

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