



Longmans School Mensuration; With an Additional Chapter and Exercises

By Alfred John Pearce

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. 1897 Excerpt: .for the pyramid. For, as the perimeter of a polygon, inscribed in a circle, becomes the circumference of the circle when the number of the sides of the polygon is increased indefinitely, so the cone may be regarded as a pyramid having for its base a polygon of an indefinite number of sides. Lateral surface of pyramid = perimeter of base x slant height But perimeter of base of polygon), of indefinite number of sides circumference of base of cone. Lateral surface of cone = $c \times s = 2\pi r \times s$ And total surface = $\pi r^2 + \pi r s$ These are the results previously obtained. (c) To find the slant height, perpendicular height and radius of the cone being given. Let ABC be the cone. AO = perpendicular height = h. BO = radius of base = r. Then AB = slant height. AOB is...



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