Mathematical Monthly Volume 3 (Paperback)

By Anonymous

Rarebooksclub.com, United States, 2013. 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 usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1861 edition. Excerpt: . 8 =--54.29178436, and = 44.18152073, the operation will appear as follows: ----4.2455 74430+, root. The root thus obtained will always be correct to as many places as are found in any term in the column of dividends. Geometrical Method. The formulas for these operations may be deduced geometrically, by a process very similar to that required for the corresponding rule for cube root. For this purpose, let the following problem be proposed: --Required the dimensions of a rectangular parallelopipedon whose breadth and length exceed its height by d and d respectively, and whose solidity is g. Let y = the height; then y--d = the breadth, and y--d = the length. Multiplying together the three dimensions, we have (1) y + (d + d)f + dd y = q. Put s--d--dt, and p = dct; then (2) y3 + sy2 + py...

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