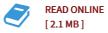# Elementary algebra for schools

By Henry Sinclair Hall

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 48 pages. 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. 1885 Excerpt: . . . 6x (3)2--25, or 2-616. Hence, by retracing our steps, we learn that the equation x-6x 16 can be solved by first adding (3)2 or 9 to each side, and then extracting the square root; and the reason why we add 9 to each side is that this quantity added to the left side makes it a perfect square. 194. We have shewn that the square may readily be completed when the coefficient of x2 is unity. All cases may be reduced to this by dividing the equation throughout by the coefficient of xl. Example 1. Solve 32-3a10x. Transposing, 3x2 10x 32. Divide throughout by 3, so as to make the coefficient of a unity. Thus 3 f, 195. We see then that the following are the steps required for solving an adfected quadratic equation: (1) If necessary, simplify the equation so that the terms in x2 and x are on one...

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