



## Lessons in Geometry; For the Use of Beginners

By George Anthony Hill

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. 1894 Excerpt: .(1) The figure obviously has the three given parts. (2) Join-4 C.  $A\ ABC = A\ ADC$ . Why? (3) Therefore  $Z\ BAC = Z\ DC\ A$ , and  $Z\ ACB = Z\ CAD$ . (4) Therefore  $AB$  is  $\parallel$  to  $DC$ , and  $BC$  is  $\parallel$  to  $AD$ . Why? (5) Therefore  $ABCD$  is a parallelogram. Why? Note.-- In the following exercises, use ruler and compasses only. First make the construction; then describe it; then prove it to be correct. 6. Construct a square, having given a side. 7. Construct a square, having given the diagonal. 8. Construct a rectangle, given two adjacent sides. 9. Construct a rectangle, given a side and a diagonal. 10. Construct a rhombus, given the two diagonals. 11. Construct a rhombus, given a side and an angle. 12. Construct a parallelogram, given two sides and a diagonal. 13. Construct a parallelogram, given one side, one angle,...



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