[Sir Thomas L. Heath, *The Thirteen Books of Euclid's Elements* (2nd edition), p. 247 (1925).]

[Heath's commentary on Euclid, *Elements*, Book I, Proposition 3.]

Proclus contrives to make a number of "cases" out of this proposition also, and gives as many as eight figures. But he only produces this variety by practically incorporating the construction of the preceding proposition, instead of assuming it as we are entitled to do. If Prop. 2 is assumed, there is really only one "case" of the present proposition, for Potts' distinction between two cases according to the particular extremity of the straight line from which the given length has to be cut off scarcely seems to be worth mentioning.