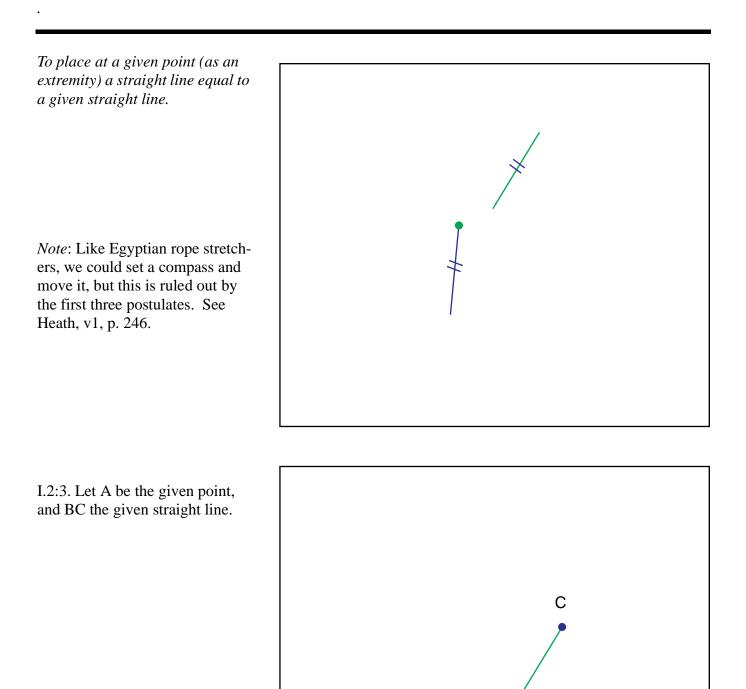
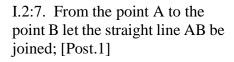
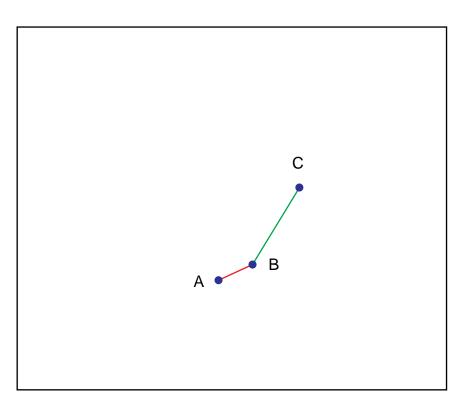
Construction 2: Book I, Proposition 2



B

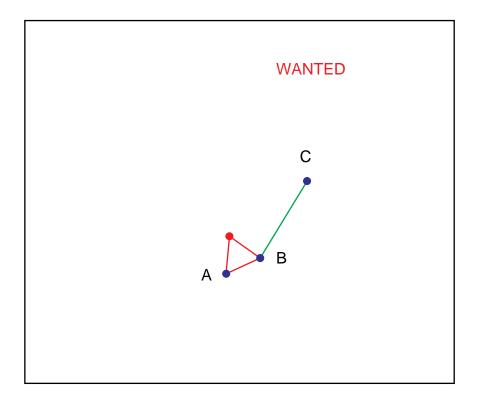
А



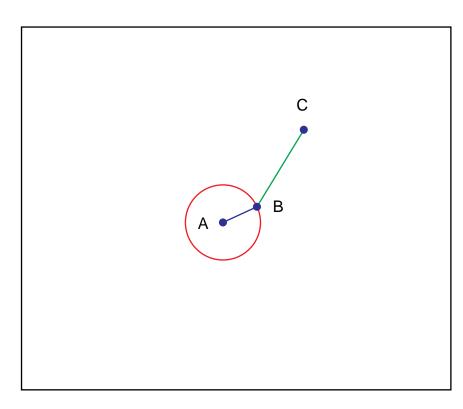


I.2:9. and on it let the equilateral triangle DAB be constructed. [I.1]

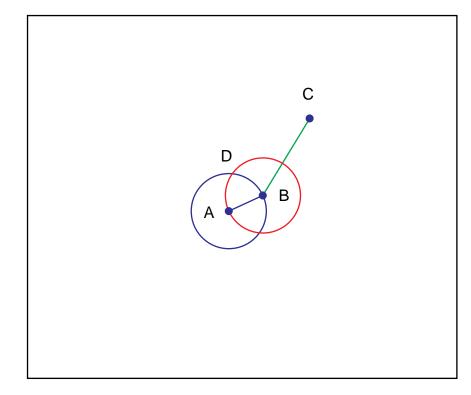
Now we must GOSUB I.1., the Vesica Pisces.



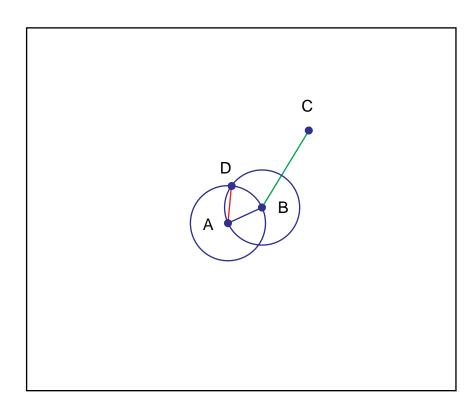
I.1:7. Draw the circle at centre A with distance AB.



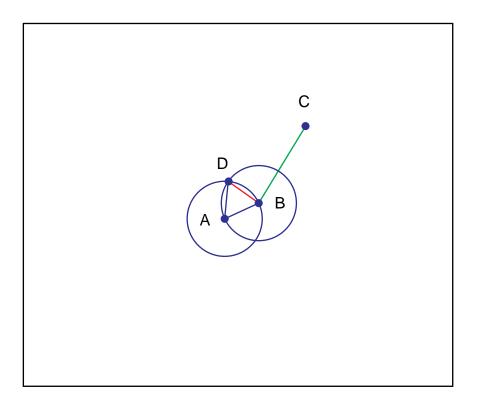
I.1:10. Draw the circle at centre B with distance AB.



I.1:13. Connect the points, AD.

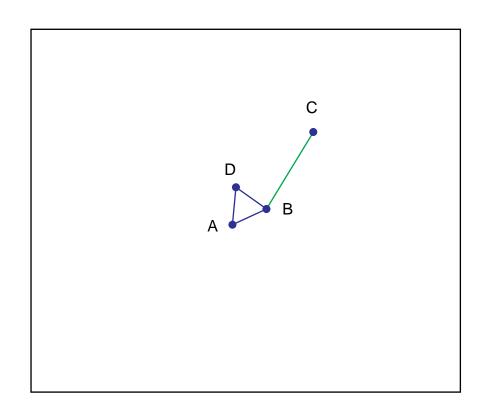


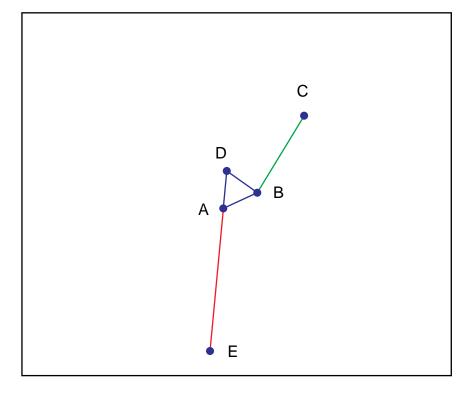
And to finish the triangle, connect DB.



Cleanup constructions,

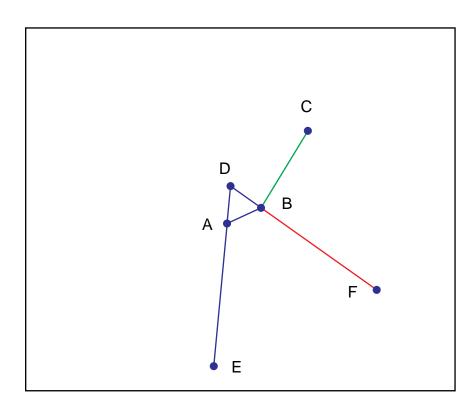
RETURN to I.2, at line 11.



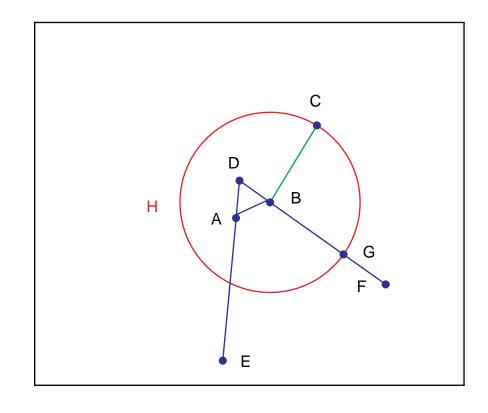


I.2:11. Let the straight lines AE, BF be produced in a straight line with DA, DB; [Post.2] (First, AE.)



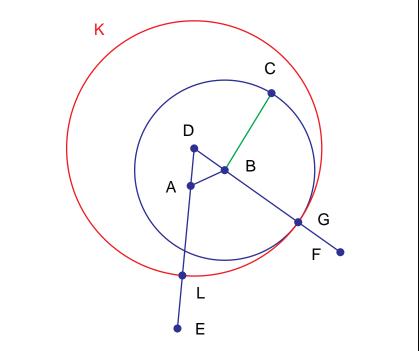


I.2:14. With centre B and distance BC let the circle CGH be described; [Post.3]

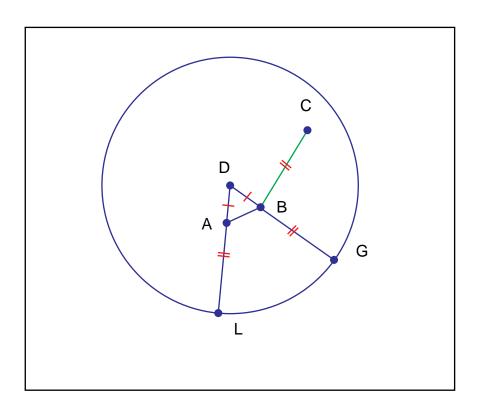


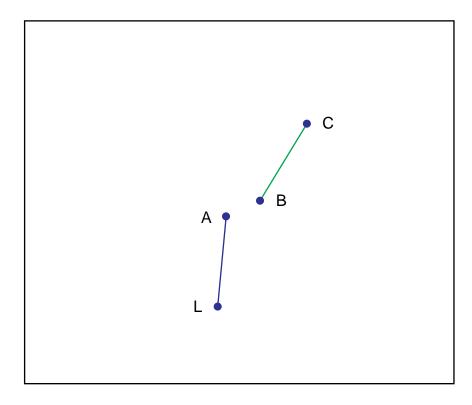
I.2:16. and again, with centre D and distance DG let the circle GKL be described. [Post.3] (The point L is where the new circle cuts DE.)





(The line AL is equal to BC and at A, so clean up construction.)





Q.E.F.