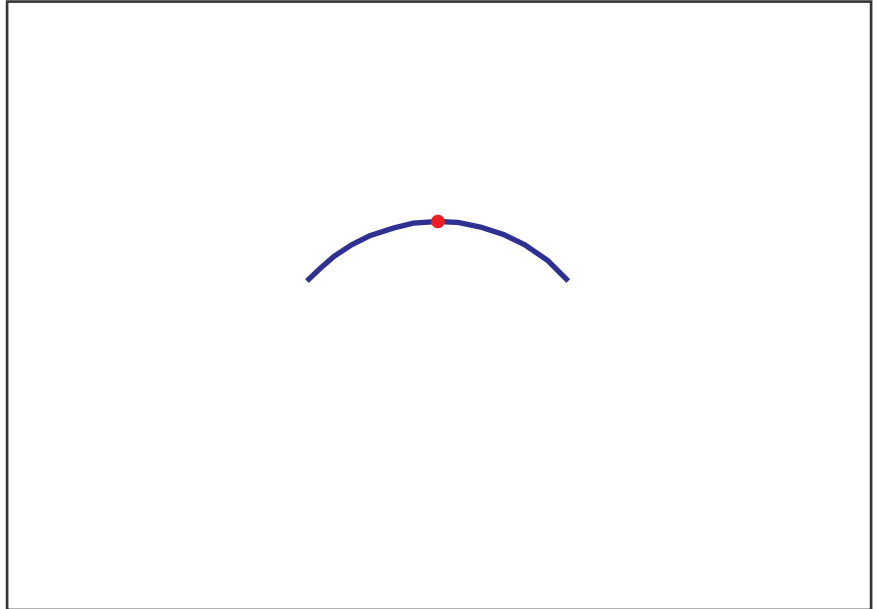
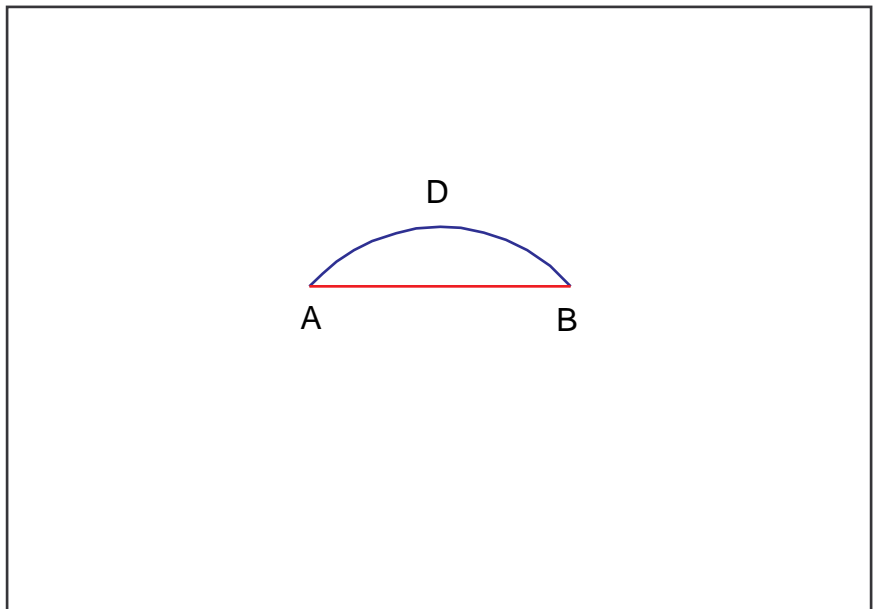

Construction 20: Book III, Proposition 30

gobTo bisect a given circumfer-
ence.



III.30:2. Let ADB be the given
circumference;

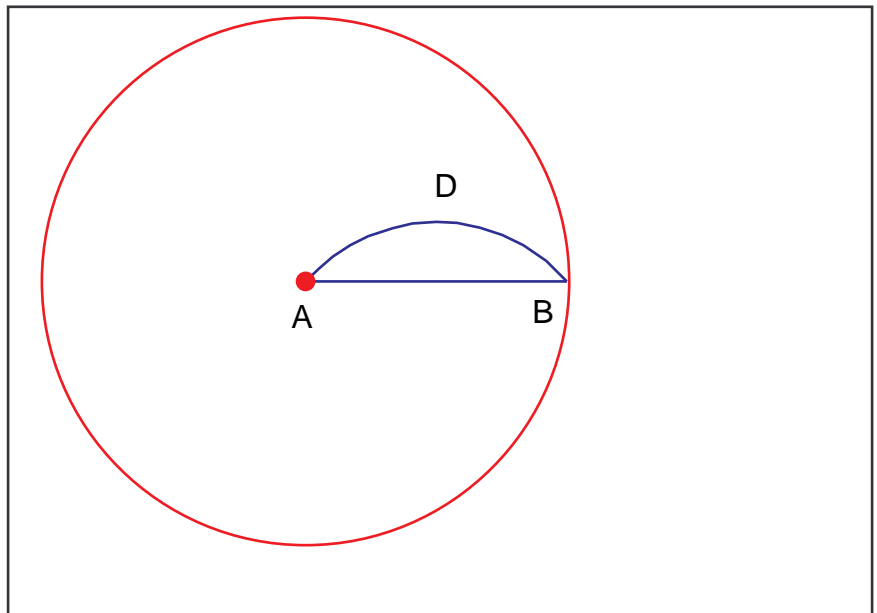
III.30:4 Let AB be joined



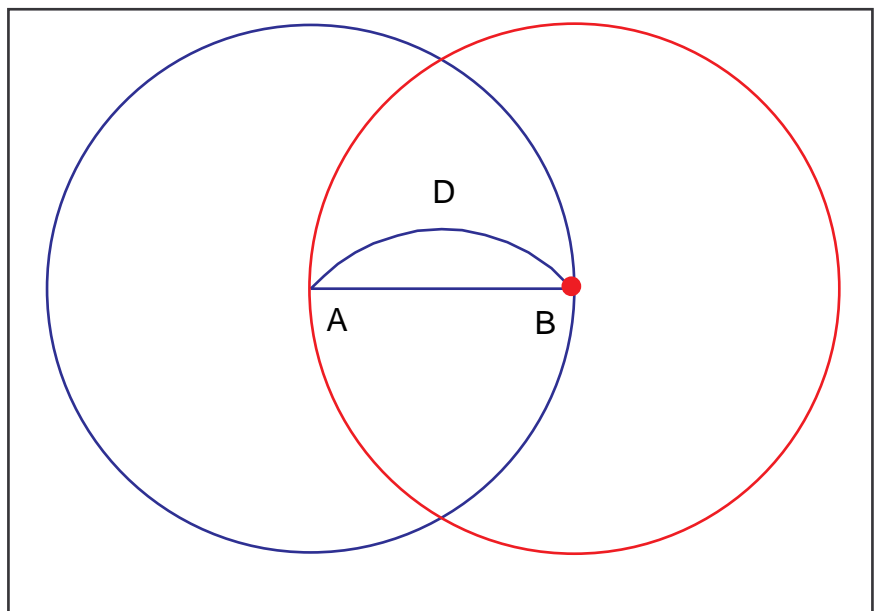
and bisected at C; ([I.10])

GOSUB I.10.
We will use C#5B (Vesica
Pisces).

Swing AB around A.

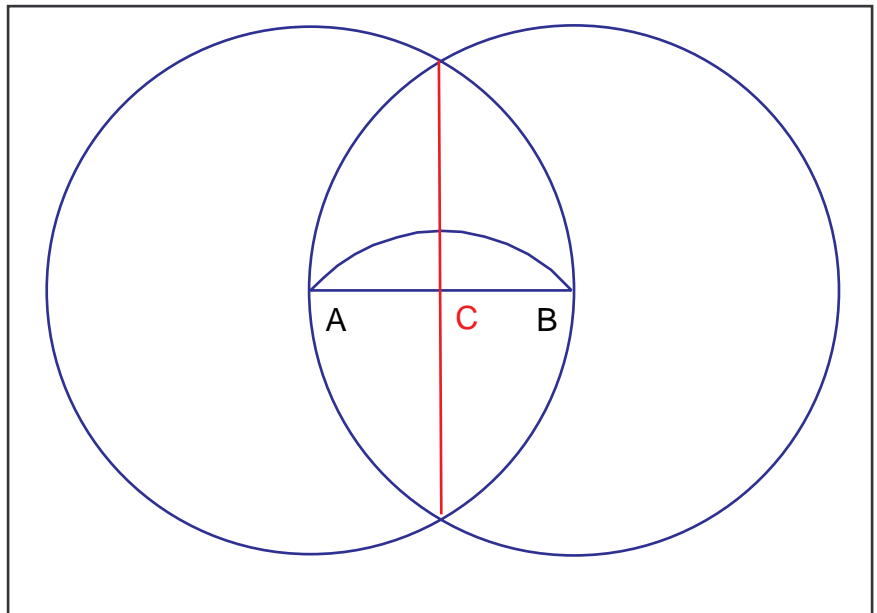


Swing BA around B.



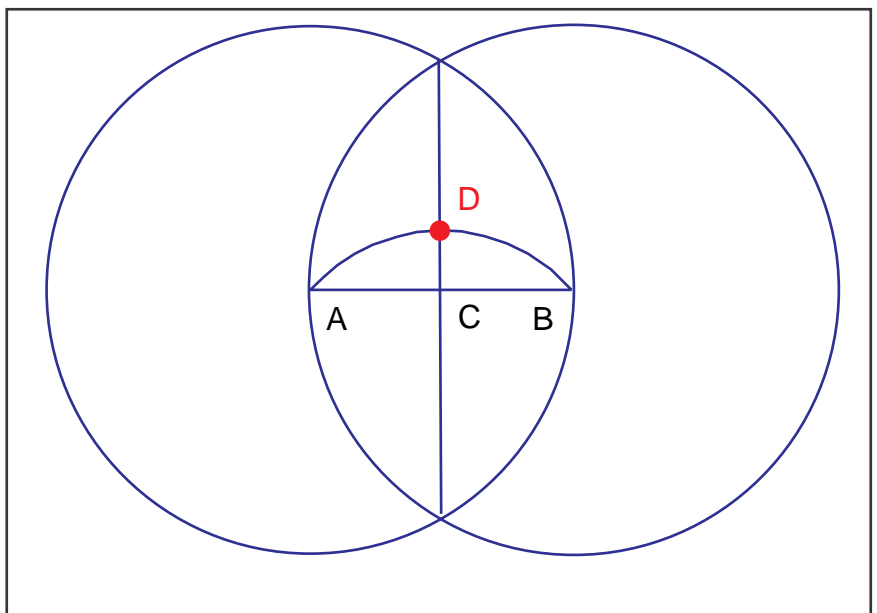
Connect the two crossings, locating the point C.

RETURN to III.30 at line 4.
(Wait! Do not cleanup.)



III.30:5. from the point C let CD be drawn at right angles to the straight line AB, ([I.11])

This requires the Vesica Pisces, which we have just done. The line drawn in step 4 is the desired line, so we use it to locate D.



Cleanup. We are done.

Q.E.F.

