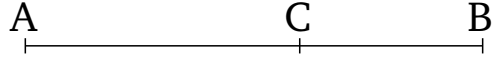


Book 9

Proposition 24

If an even (number) is subtracted from an (other) even number then the remainder will be even.



For let the even (number) BC have been subtracted from the even number AB . I say that the remainder CA is even.

For since AB is even, it has a half part [Def. 7.6]. So, for the same (reasons), BC also has a half part. And hence the remainder CA has a half part. [Thus,] AC is even. (Which is) the very thing it was required to show.