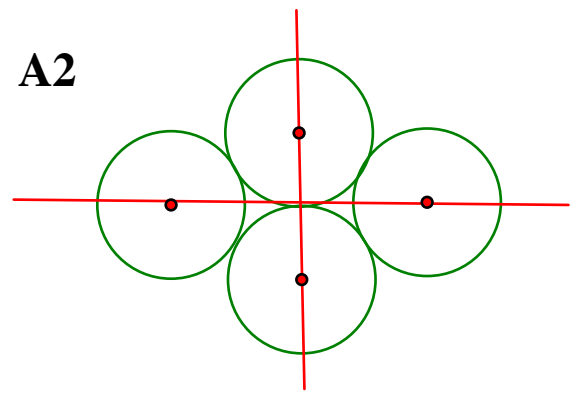
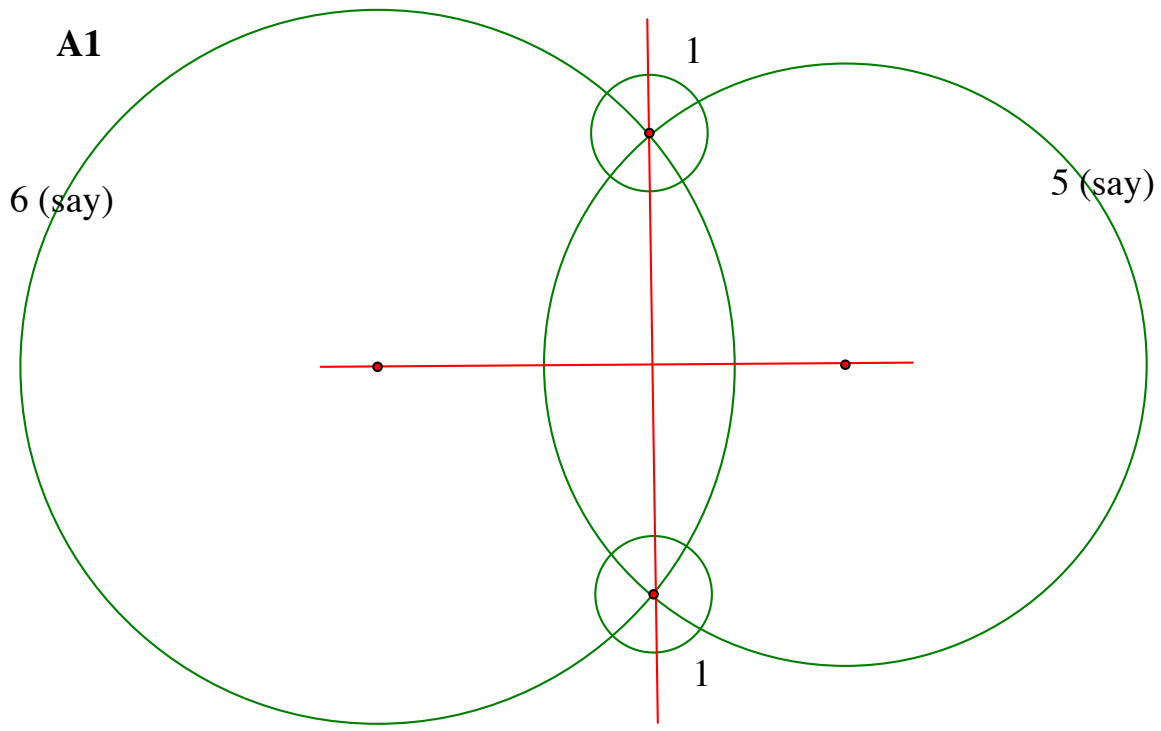


**A1, A2, A3** These are all based on the kite (of which the rhombus is a special case).  
**A1** is the standard straight edge-&-compass construction (except that one would not need different radii for the larger circles), using the small wheels only to mark points.  
 In **A3** the dissimilar circles can overlap, touch or not meet at all.  
 This is also true of any opposite pair in **A2**.

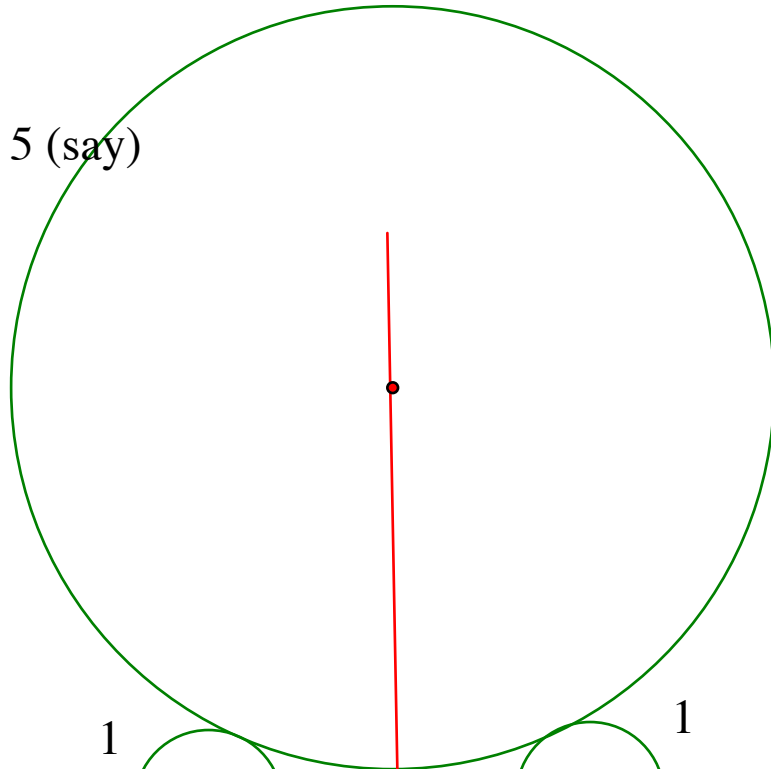
**B** This is based on the  $1-2-\sqrt{3}$  triangle. The dashed blue line is a sighting line.

**C1, C2, C3** These are wheel constructions which could not be realised with straight edge-&-compass. They are based on the 3-4-5 triangle.

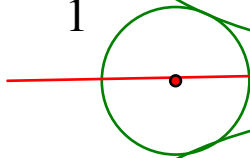


**A3**

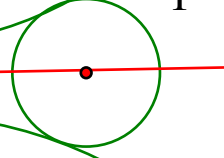
5 (say)



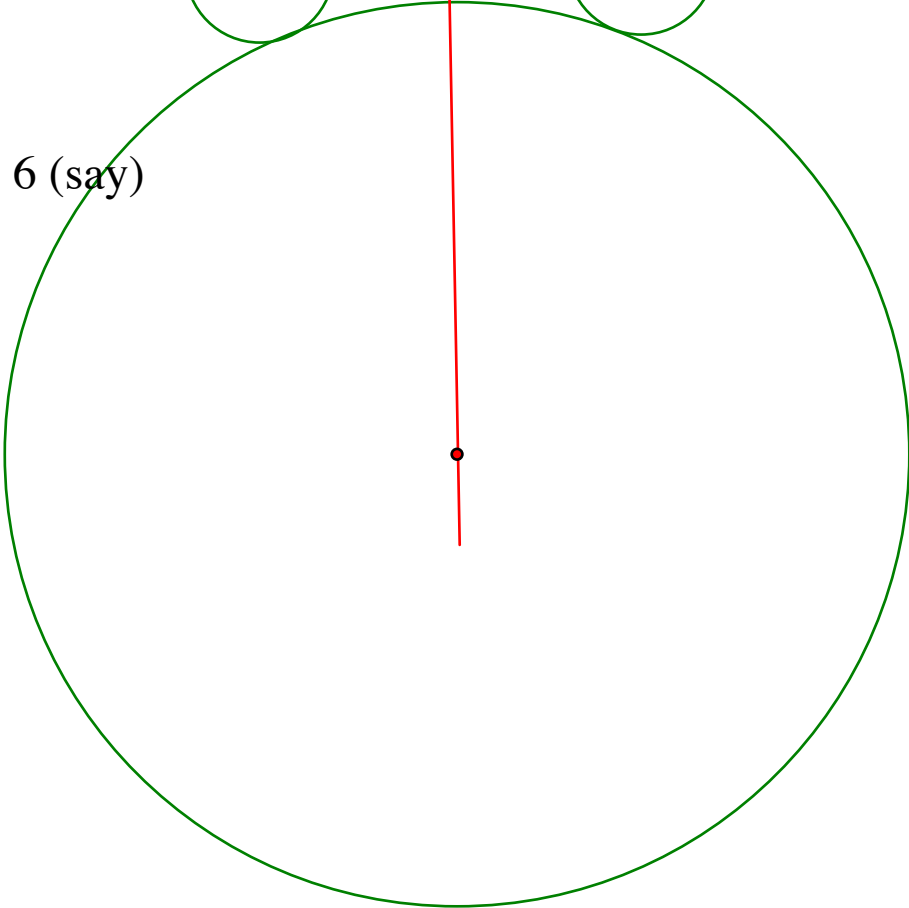
1



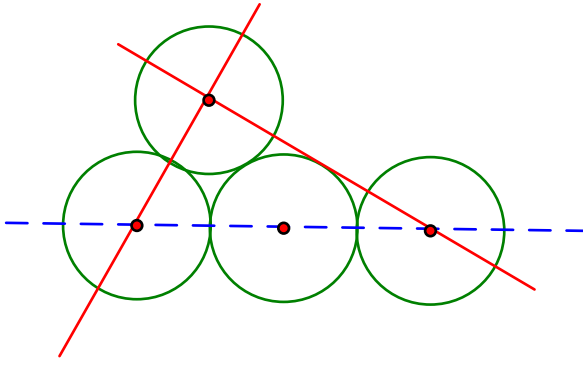
1



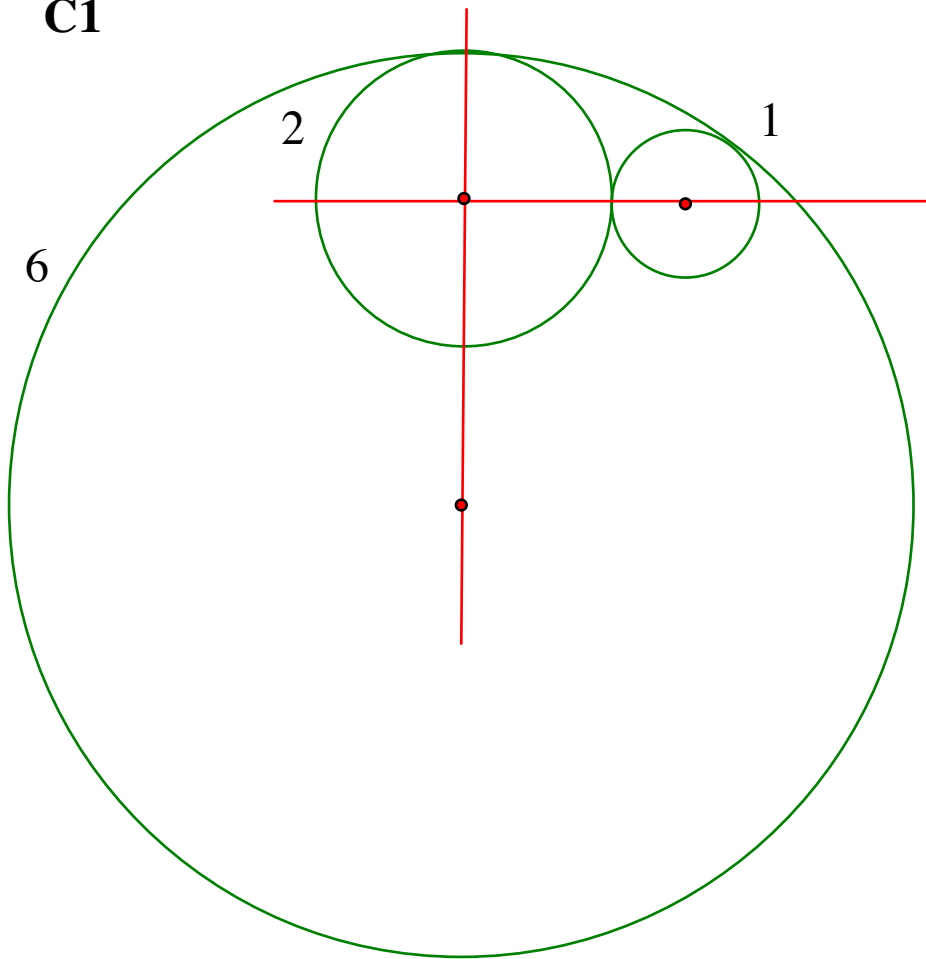
6 (say)

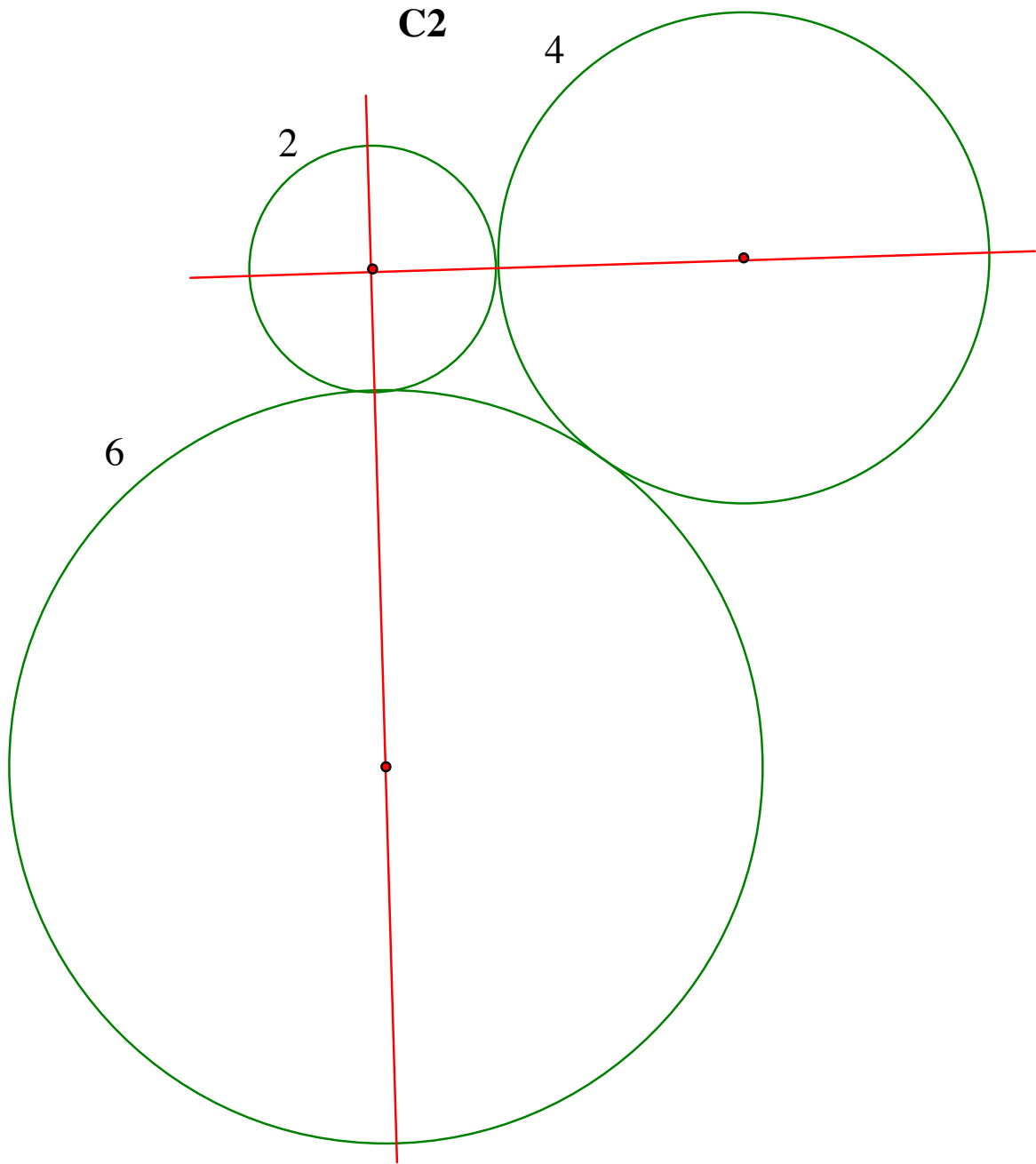


**B**



**C1**





**C3**

