



Ursino castle



It was built between 1239 and 1250, as one of the royal castles of Emperor Frederick II, King of Sicily, as the closing chapter of the turbulent time in Sicily that followed the death of William II. Local lords had attempted to assert independence, and in 1220 Frederick II ordered the destruction of all non-royal castles in Sicily.^[2] After the capital moved away from Catania and powder weapons appeared, the castle lost its military role and was used as a prison. It is one of the few buildings in Catania to have survived the earthquake of 1693.

The castle of Coca



It was built in the late fifteenth century by Don Alonso de Fonseca, one of the most magnificent and luxury-loving magnates of Castile. It lies in the province of Segovia but it is close to the border of Valladolid. Cuellar, Arevalo, Olmedo, and Coca formed a square of great strategic importance.

SOLVE THE PROBLEM

The gardens of the castles have a rectangular shape and they are 750 m per 550m. The gardens are surrounded by a flowerbed where the trees are arranged 5 m apart from each other. How many trees do you need to fence in the garden? Suppose there is a shaped hexagon regular fountain all sides 10m. Which part of the garden can you walk?

