

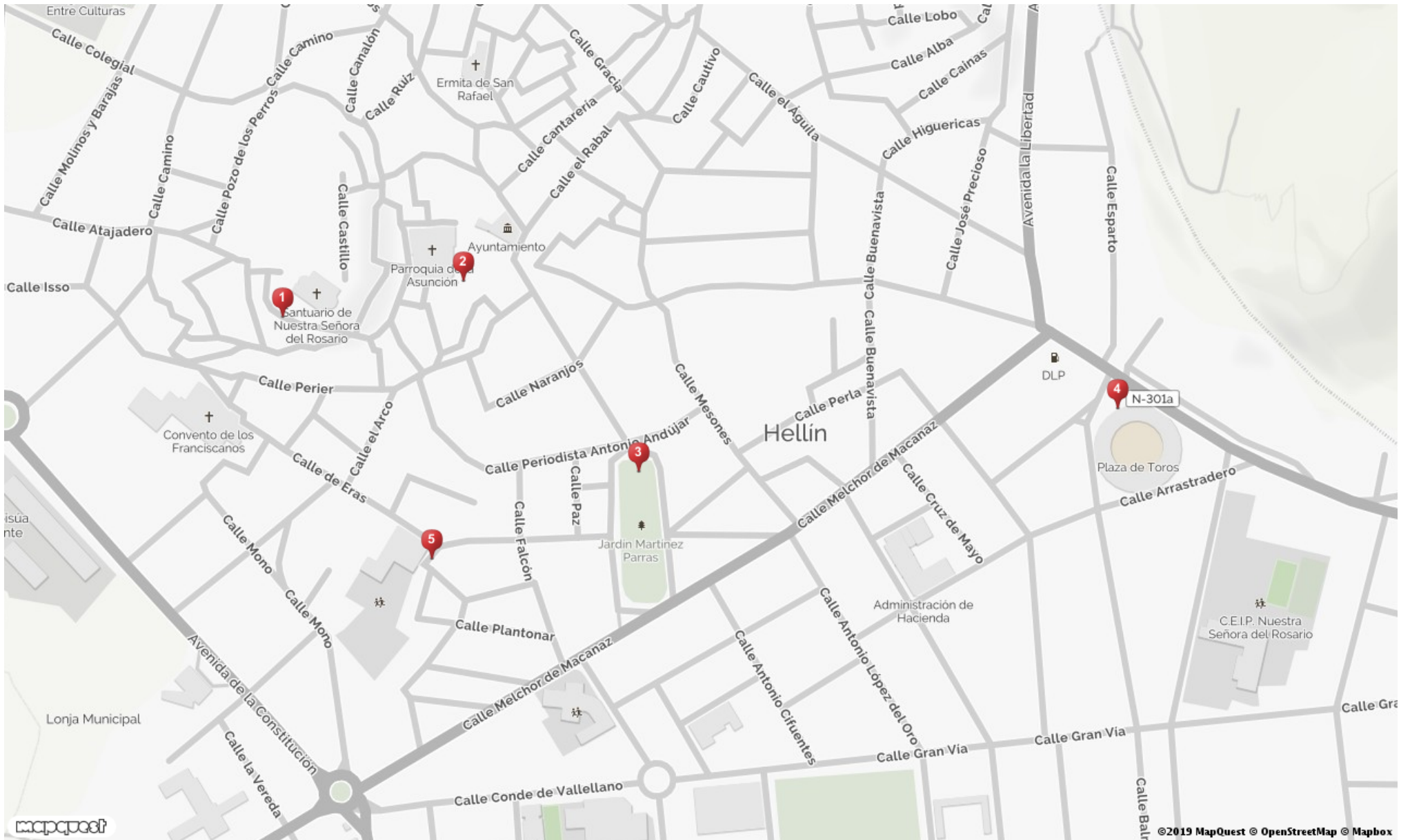


Mathematical walk in Hellín

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1. Tarea: Kiss passage

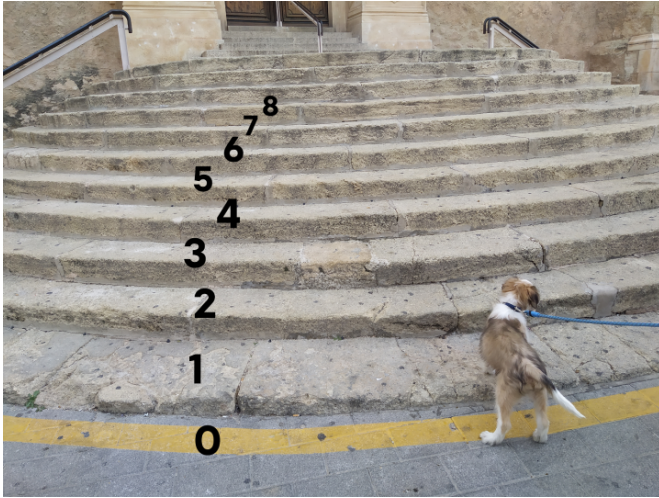


Kiss passage is the narrowest street in Hellín. Make an estimation about the greatest number of people that could be inside this street at the same time

Primera idea:

Cálculo:

2. Tarea: Church square



Imagine that the steps in the stairs have been numbered, given number 0 to the ground level, number 1 to the first step, number 2 to the second and so on. The last one is the one on the platform (do not count the small stairs at the main door of the church). A bored student decided to do the following: First: He started to climb the stairs, went up step number 1 and then went down. Second He climbed up to step number 2 and went down. Third: He climbed up to step number 3 and went down, And so on. The question is: How many steps did he climb in total (up and down)? (DO NOT COUNT STEP NUMBER 0)

Primera idea:

Cálculo:

3. Tarea: The drummer monument



Look at the sculpture, in one of the drums you can see a date (written with two digits), this date is a year of the 20th century. Imagine now that it os a very ancient statue and that it was erected in the 13th century. What was the year? (use 4 digits)

Primera idea:

Cálculo:



4. Tarea: The bullring



The bullring was built between 1860 and 1862. The outer part is a 32 sides polygon, but inside it is a circle. First: Enter into the bullring and count the number of steps along the circumference Second: Convert them into centimetres (one step is about 65 centimetres) Third: calculate the area of the circle in square metres

Primera idea:

Cálculo:



5. Tarea: The numerical street



What is the number of our numerical street? Call it N and solve this exercise: N houses have N cats living in, each cat eats N mice, each mouse, if not eaten, would eat N ears of wheat. How many ears of wheat could be eaten if the mice wouldn't have eaten by the cats?

Primera idea:

Cálculo: