



TORRE DI SIVIGLIA

TORRE DI POGGIODIANIA



The Torre del Oro is a military control tower, composed of twelve sides, built in Seville (Spain) by order of the Caliph Almohad (dynasty that reigned over the Maghreb and Islamic Spain) Abu Ya'qub Yusuf II to control access in the city of Seville, by the Guadalquivir River. The tower is located near the Plaza de toros de Sevilla and is 36 meters high.

The castle remain part of the perimeter wall and two towers, one square and a cylindrical, 25 meters high and 30 meters in circumference, of particular interest to the characteristic crowning corbel.

Spread over approximately 3000 m² with an irregular plan, from the north side of a cliff towered over 300 meters, at whose feet the river flows Vegetables, east you can see the village of Ribera.

The towers are in a field. This field is a rectangular trapezoid and a rectangle with the base coincident with the minor base of the trapezium. The part has a trapezoidal area of 576 m² the basics are a $\frac{11}{5}$ other the height and the oblique side respectively measuring 18cm 30cm.

Calculate

A = the height of the rectangular part is $\frac{3}{2}$ of the smaller base

B = how many meters of wire mesh we use to fence the field?