

# Answers

## Step 1: A stroll in the parks

Electric boat: 20-minute ride.

Jon boat: 1h and 48 minutes.

Group boat: 1h and 30 minutes.

30 minute and 1h of free time: electric boat. 2h: jon boat.

## Step 2: The cathedral

Width of the model nave:  $6,4\text{cm}^2$

The actual nave is 145m long, 32m wide and 43m high, for a volume of  $200\,000\text{m}^3$ .

## Step 3: Rue des trois cailloux

The lines cross on  $(7,5 ; 5,2)$ , which is where the mansion used to be.

## Step 4: The house of Jules Verne

Big sphere:

5m diameter = 2,5m radius.

The area is about  $78,5\text{m}^2$ . Volume is about  $65,4\text{m}^3$ .

Small sphere:

3,5m diameter = 1,75m radius.

The area is about  $38,5\text{m}^2$ . Volume is about  $22,4\text{m}^3$ .

## Step 5: The Jules Verne circus

The average price paid by a visitor is 17,9€

The Q1 price paid by a visitor is 10€.

The median and Q3 are 25€.

## Step 6: The Picardy museum

There are 9 windows, which means 511 are waving at you in total.

Check out Sissa's wheat and chessboard problem for more information!

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