



VISIT MATH



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Answers

Step 1: The old College

Answer => Number of rectangles: $7 \times 10 = 70$ rectangles.

Number of small pink squares:

In a rectangle, there are 5 small pink squares in width and 7 small pink squares in length, i.e.:

$5 \times 7 = 35$ small pink squares in each rectangle.

$70 \text{ rectangles} \times 35 \text{ small squares} = 2450$ squares in total.

There were 70 gray outline rectangles and 2450 small pink squares.

Step 2: Stroll along the Allées

Answer => YES there is indeed a logical sequence.

Step 3: A hero of Ancient Greece

Answer => The height of the highest spire is approximately 4,5 meters.

Step 4: The emblem of the royal era

Answer => Volume of the large rectangle: $18.20 \text{ m} \times 10.20 \text{ m} \times 0.03 \text{ m}$ (i.e. 3 cm) = 5.569 m^3

Volume of the small rectangle:

$14.90 \text{ m} \times 3.40 \text{ m} \times 0.03 \text{ m}$ (i.e. 3 cm) = $1,519 \text{ m}^3$

Volume of the large rectangle - Volume of the small rectangle = volume of water in the reflecting pool. Or: $5,569 \text{ m}^3 - 1,519 \text{ m}^3 = 4.05 \text{ m}^3$

The volume of water necessary to fill the water mirror is 4.05 m^3 .

Step 5: It's art !

Answer => The dates of birth are: 1780 for Ingres and 1861 for Bourdelle.

Step 6: A colossus with its feet in the water

Answer => The length in km of the Tarn is 375.

To convert cm to km you must divide the "length" value by 100,000.

Step 7: Occitan memory

Answer => There are 23 semi-circles or 11 circles.

Step 8: A lively place to live

Answer => There are 43 arches

The secret character

This is OLYMPE

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