VISIT MATH

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Answers

Step 1: Perched water

Answer 2 => The height of the Canal bridge is 10 meters.
The three shapes to find are circles.

Step 2: There's no need to run...

Answer 3 => The time to make the round trip is 7 min 53 s

Step 3: Lets keep up the tempo

Answer => the area is 64,25 $m.^2$ So approximatively 64 m^2
Calculate the area of the square, then that of the 4 triangles and finally the area of the octagon.
According to the coding we have :
KL = JI = HG = EF and DK= DJ = IC= CH= GB= BF= EA= AL
where KL = 4.5m and DK = 2m

One side of the square = DK+KL+AL = 2+ 4,5 + 2 = 8.5m
so the area of the square = 8.5 * 8.5 = 72.25m^2

We then calculate the area of one of the right-angled triangles:
Area of DKJ = (2*2)/2 = 2m^2
Then we calculate the area of the 4 triangles:
Area of the 4 triangles = 2 * 4 = 8m^2

Finally, we calculate the area of the octagon:
Area of octagon = area of square - area of 4 triangles
This is :
72,25 - 8 = 64,25m^2

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Step 4: The angle of view

Answer 3 => Each of the two remaining angular sectors is 45 degrees.
180 - 60 -15 - 15 = 90 // 90 ÷ 2 = 45

Step 5: Medieval Agen

Example response for 2010 => MMX
Reminder: 9 = IX , 4 = IV, 11 = XI

Step 6: But where is Mr. Mayor ?

Answer 1 => (5;3)

Step 7: A merchant's story

Answer 1 => 8

Step 8: At the crossroads

Answer 2 => 9

The ultimate hidden treasure of the city of Agen

It is: PRUNEAU

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