

Answers

Step 1: The mystery begins

Containers: 2 -> $(2 \times 2,4\text{m} = 4,8) \rightarrow 4,8\text{m} + 1\text{m (deck)} = 5,8\text{m}$

Margin: 1,2m -> $(7\text{m} - 5,8\text{m} = 1,2\text{m})$

Step 2: Follow the paint

Cylinder volume = $\pi \times R^2 \times h = \pi \times 13,75^2 \times 21 = 12473,1\text{m}^3$

Step 3: Up and Down

6 min (360 sec) $\times 15 = 5400$ seconds

5400 sec $\times 365$ days = 1971000 seconds

1971000 seconds = 32850 minutes = 547,5 hours = 22,8125 days

= 22 days 19 hours 30 minutes

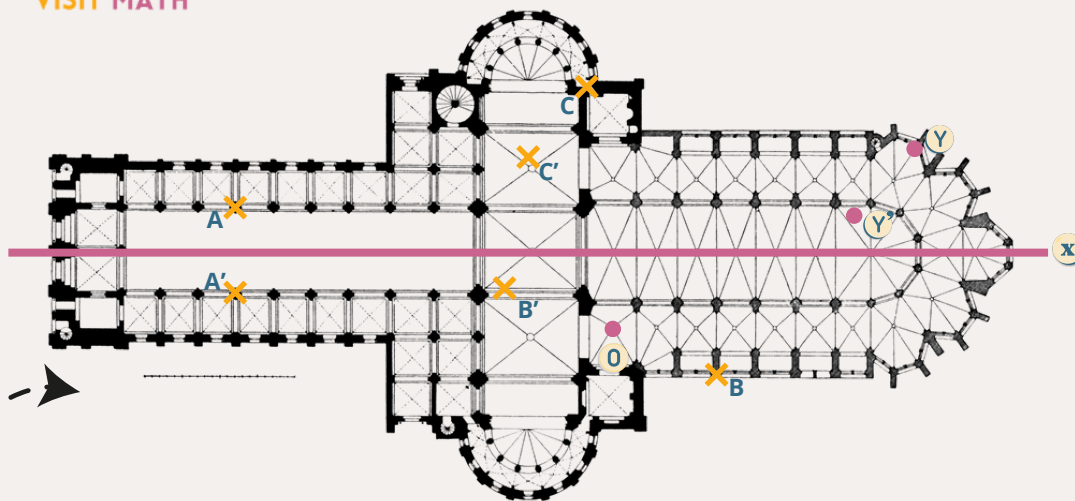
Step 4: Architecture Masterpiece

Step 5: Step by Step

275 steps $\times 0,5$ seconds = 128,5 seconds

128,5 seconds + 2 minutes (120 seconds) = 248,5 seconds

288,5 seconds = 4 minutes 8,5 seconds



Step 6: Green Park

Grass area = $(50\text{m} \times 20\text{m}) - (20\text{m} \times 10\text{m}) = 800\text{m}^2$

20g / m^2

16000g / 800m^2

-> 16kg

Step 7: Mystery's outcome

1€ = 40 francs

300€ = 12000 francs

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