



Vacation to Paris, France

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1 Introduction

On our vacation, we are going to Paris, France. We chose Paris because they have amazing food, many museums to go to, and lots of other sites to see. We will be going for 7 days and staying at the same hotel the whole time.

1.1 Math Equation

Fermat's Last Theorem

There aren't any whole number solutions to the equation $x^n + y^n = z^n$ when $n > 2$.

This theorem was developed by a French mathematician named Pierre de Fermat, so because he was from France, this theorem will remind us of our trip there.



2 Itinerary

- Day 1

- Fly into Paris
- Check into our hotel

Hotel	Price per Night
Hotel de Crillon A Rosewood	\$2,586

- Visit the Luxembourg Gardens
 - * This will be a relaxing thing to do on our first day when we arrive in the city.

- Day 2

- Spend the morning visiting the bakery A. Lacroix Pâtissier
 - * It has a lot of expensive, good-looking pastries that we want to try.
 - * We could also get some coffee to start our day.
- In the afternoon, we will go to the Louvre Museum
 - * We will see the Mona Lisa and all of the other art there. This will probably take multiple hours, so we will spend the whole afternoon there.

- Day 3

- To start off the morning, we will go on a 1-hour river seine cruise with audio commentary. This will be a relaxing way to start the day and see many different things in Paris.
- In the afternoon, we will go to the Eiffel Tower. We will go to the top of the tower to see the view of the city from up there. We will also stay in the area for the rest of the day so we can see it at night when the lights are on.

- Day 4

- To start the day, we will go see the Arc de Triomphe. It opens at 10am, so we will eat breakfast at a café before going there. It shouldn't take very long to visit, but it is a monument we want to see while we are there.

- In the afternoon, we will go to the Musée d'Orsay. This is supposed to take multiple hours, so it will probably take most of the afternoon. It is a top-visited place in Paris and is another art museum.
- Day 5
 - We will go to the La Ferme Saint-Aubin cheese shop to try all the different cheeses.
 - We will also visit the Cathédrale Notre-Dame de Paris. This is an impressive piece of architecture built back in the 12th century. We want to look at the architecture as well as learn about the history behind the old cathedral.
- Day 6
 - We will start the day by going on the Big Wheel on Place de la Concorde. It sounds like a fun thing to do and will give us another view of the city from higher up.
 - Later in the day we will visit the Palace of Versailles. There is a lot of history and cool architecture to see here.
- Day 7
 - On our last day, we will get breakfast at the hotel and head to the airport for our flight.