

Math Scavenger Hunt

Field Trips Without Permission Slips



Barcelona, Spain Grades 4th - 5th

We are traveling to a beautiful city on the coast of Spain called Barcelona. This is an excellent place because of its arts, fashion, and culture.

1. Barcelona has about 5.5 million residents including the urban areas. The most densely populated city is called Eixample. If the city is 45 square kilometers, then how many residents live in this area?
2. Round Barcelona's 2020 population to the nearest thousand.
3. There are so many beautiful museums in the city, but most people think that the Picasso Museum is the best. If they were removing 25% of the painting because of renovations, how many would be removed?
4. We went shopping in a store called Zara. You can find Zara Stores on almost every corner in Barcelona. Mom said that you could spend your allowance of \$25 on new shoes. When you saw the price, it said that the shoes cost \$23. Can you buy shoes? What is the difference between the cost of the shoes and the money you can spend?
5. When you go to a beach in Barcelona, the beaches are located on the Mediterranean Sea. If we spent 9.5 hours on each beach but plan to go to all of them before we leave, how many hours would we spend on the beaches?
6. The museums in Barcelona charge \$13 per person for admission, but we wanted to go to all of the free museums on Sunday. How much would we save in euro if my sister and I visited all of the free museums?
7. A lot of the inhabitants of Barcelona were born in Cataloia. If the percentage were reduced in half, what would be the total inhabitants born Cataloia?
8. Barcelona is home to the largest Jewish community in Spain. If 25% of the Jewish People are children, then how many would be adults?
9. There are 5 excellent shopping malls in Barcelona: La Maquinista, Diagonal Mar Centro Comercial, Glories, Centro Comercial Arenas De Barcelona and Maremagnum. If you want to spend \$25 United States dollars at each mall, how many euros would you spend?
10. Barcelona is a leading cultural, sports, economic, and commerce center. It is the fourth most economically powerful city by GDP in the European Union. If the GDP improved and Barcelona moved up 10 spaces, what would be its new world ranking?