

# Math Scavenger Hunt

## Field Trips Without Permission Slips

### Frankfort, Germany Grades 4th-5th

Henry is traveling to a city that is the business and finance capital of Germany. This city is also one of the most desirable places to live and visit. With a rich collection of museums, historic buildings, and a lively art and culture scene, Frankfurt is a surprisingly impressive place to visit.

1. When Henry arrives in Frankfort, he will land at the fourth-biggest airport in the world. The baggage system is massive. Since the airport adjusted the passengers due to the virus, the employees at the airport were reduced by  $\frac{1}{3}$ . What is the new amount of staff Henry might see at the airport if he sees everyone who is working?
2. Henry wants to visit the Commerzbank Tower so that he could look across the entire city of Frankfort. What is the height of the tower in feet?
3. Frankfort's monetary system is currently based on the euro, but before this switch, the country used the Deutsche Mark. If Henry had \$4 in United States Currency, then how much would he have in Marks?
4. The best way to sight-see the city of Frankfort is the double-decker, open-air Frankfurt City Hop-on Hop-off Bus Tour. If Henry spends 30 minutes at each stop visiting exhibits, how much total time will be spent visiting?
5. Henry wants to go shopping since the markets are always a good place to get a feel for a city and Frankfort's Kleinmarkthalle is where many locals shop daily. If the present hall which has 1,500 square meters were doubled, how many total market stalls would there be?
6. Due to Frankfort's thriving financial trade, thousands of foreigners move to the city every year. According to figures from March, 28.8 percent of Frankfort residents are not born in Frankfort. How many of the city's residents are foreign?