

Math Scavenger Hunt

Field Trips Without Permission Slips

Seoul, Korea Grades 6th - 8th

We are traveling to one of the largest cities in the world by population. Our next city is called Seoul, South Korea. Use the clues that Henry has left to try to solve these clues.

1. There are so many people in the city of Seoul. It is much bigger than New York City and it is the second-largest city in the world. About how much larger is the population in Seoul than New York City? (round to nearest 1,000)
2. The Gyeongbokgung Palace was built in 1395 by king Taejo and is the most popular attraction in Seoul. This attraction has Gand Palacens which houses many buildings. If we visited 30 of these buildings, what percent of the building would we have visited?
One of the most exciting yet dangerous places to visit is the DMZ which is the border between North and South Korea. Since North Korea is a communist country, it is not easy to travel across the DMZ. If we could walk the entire length of the DMZ traveling at 3.5 mph, how long would it take us?
3. The food in South Korea is very different from food eaten in the United States. There is a version of dogs that are eaten. Kimchi is also eaten at nearly every meal. This meal is similar to a cabbage salad. If South Korean could reduce the amount of Kimchi eaten each year by 15%, how much would the area consume?
4. South Korea is home to StarCraft since the game was launched in 1998. It is one of the best-selling games for the personal computer in history. If 8.5 million games were sold total. How many would have been sold in South Korea?
5. South Koreans work a lot of hours as compared to the regular workweek of people in the United States which is 40 hours. How many more hours would South Koreans work in 6 months?
6. Seoul generates about a large portion of South Koreas GDP of \$1.6 trillion even though is a relatively small country. How much of the \$1.6 does Seoul provide?
7. COEX Mall is an excellent place to shop since it is the world's largest underground shopping mall. Find the length of the shopping area, given the width of the shopping space is 616 meters
8. Golf is one of the most successful sports in South Korea. Thirty-eight of the top 100 female golfers in the world are from this area. South Koreans also dominate the top 25 Women Golfers in the world. What percent of the top 25 golfers are South Korean?