

Math Scavenger Hunt

Field Trips Without Permission Slips

Seoul, Korea Grades 4th - 5th

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 puzzles.

1. South Korea is a very low lying area when you measure how high the area rises above sea level. If Atlanta, Georgia is 1,050 feet above sea level, what is the difference in feet between the two areas?
2. There are so many people in the city of Seoul. As I said before, it is much bigger than New York City and it is the second-largest in the world. Round Seoul's population to the nearest hundred thousand.
3. The government is divided into administrative divisions called gu and these units determine how neighborhoods are governed. If the administrative divisions were reduced by $\frac{2}{5}$ how many divisions would remain?
4. 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 drive the entire length of the DMZ traveling at 31 mph, how long would it take us?
5. The food in South Korea is very different from food eaten in the United States. Kimchi is eaten at nearly every meal. The food does not seem to make the Koreans overweight. Find the difference between the over-weight South Koreans vs percent of overweight people in the United States.
6. 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 million games were sold total. How many would have been sold in South Korea?
7. 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 2 months?
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?