

Math Scavenger Hunt

Field Trips Without Permission Slips

Anchorage, Alaska Grades 4th - 5th

We are traveling to the West Coast of the United States to a place that is more west than Honolulu, Hawaii. This is an excellent place to find a moose roaming in your back yard. Our next Hunt takes us to Anchorage, Alaska.

1. Anchorage has schools where students speak so many different languages. It is different to even think that there could be over 90 languages. Find how many languages are spoken and reduce the languages by $\frac{1}{5}$, how many languages would students still speak in the Anchorage School District?
2. Anchorage has been named as the most tax-friendly city in the United States because there is no sales tax or state income tax for its citizens. If the tax rate for cars is 7.5% in California, how much would you save if you bought a car for \$10,000 in Anchorage instead of Los Angeles?
3. Anchorage can get very cold with temperatures reaching below zero. If the coldest temperature recorded in the United States was in Montana, how much did the coldest day in Anchorage miss breaking this record?
4. Anchorage is home to many animals like the bears in the wilderness. People travel from all over to see these bears, especially the black bears and grizzlies, what is the percent of grizzlies to black bears.
5. Because of the harsh weather and the lack of highways and interstates, products and supplies must come via the Port of Anchorage. This area supplies goods destined throughout Alaska. If there are 10,000 tons of goods per day received in Alaska, how many would come through this port?
6. Alaska is famous for its fishing especially with a fish called the Pacific Salmon. These fish are caught for sport, but are also sold around the world. If the average weight of a Chinook Salmon is 37 pounds, what is the difference in weight between the average Chinook and the largest Chinook ever caught in Alaska?
7. You can see six mountain ranges from Anchorage: The Chugach, Kenai, Talkeetna, Tordrillo, Alaska and Aleutian. On clear days in Anchorage, when you look at these mountains, you can see the peak of the tallest mountain in North America. How much taller is this peak than King Peak in Canada?
8. Anchorage has a single, solitary numbered state highway (obviously it doesn't have any interstate ones), Alaska Route 1 is the only highway. If you plowed the snow from $\frac{1}{3}$ of this route, how much would be left?