

Name _____

Date _____

Solving Problems with Maps

The strongest earthquake recorded in the United States took place in Prince William Sound, Alaska, in 1964. Although the earthquake was felt across Alaska and even into parts of Canada, some towns suffered severe damage while others escaped unharmed. Use your mapping skills to find out why.

1. Plot the following towns on the map according to their approximate latitude and longitude.

Anchorage 61° N, 150° W

Barrow 71° N, 157° W

Homer 59° N, 152° W

Nome 65° N, 165° W

Fairbanks 65° N, 147° W

Juneau 58° N, 134° W

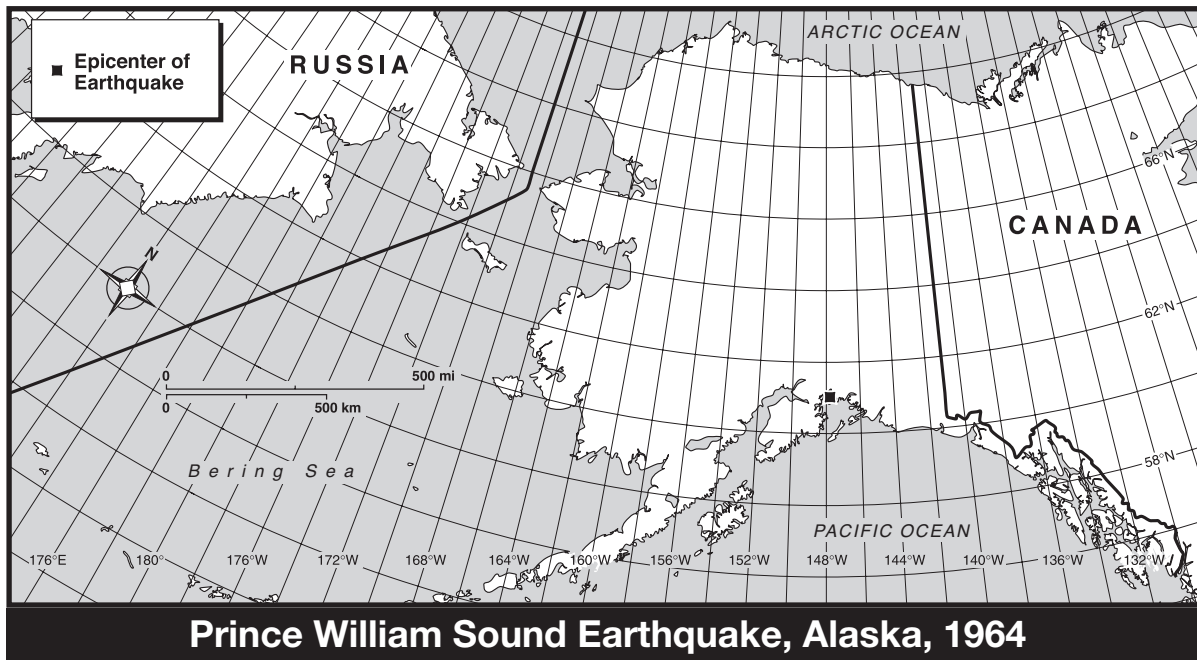
Valdez 61° N, 146° W

Sterling 61° N, 151° W

2. Using the map scale, find out how far each town is from the epicenter, or starting point, of the earthquake. Write this distance next to the town's name on the map.

3. Based on the map, which towns do you think suffered more damage and which suffered less?

Why?



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