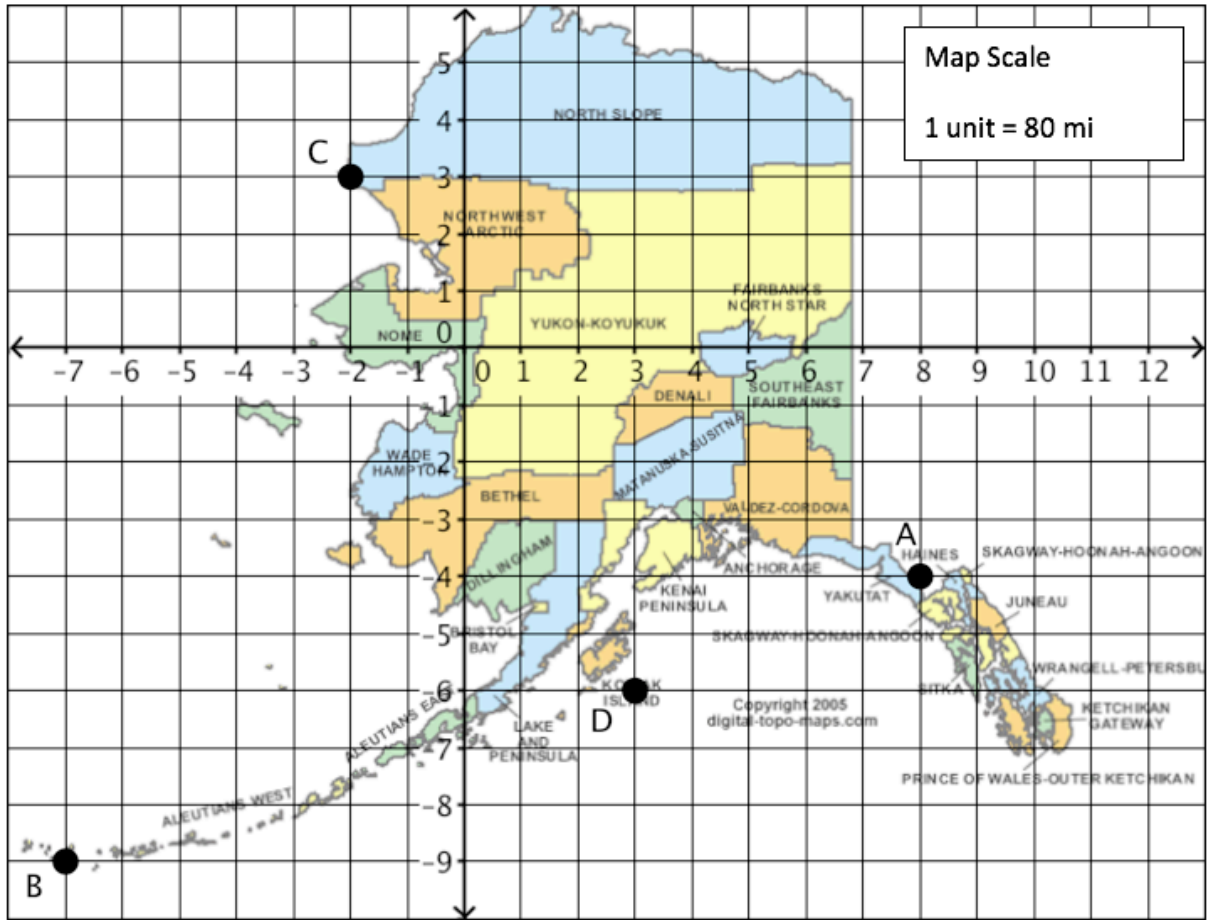**Geometry – Circles in the Coordinate Plane**
14a Homework: The Distance Formula

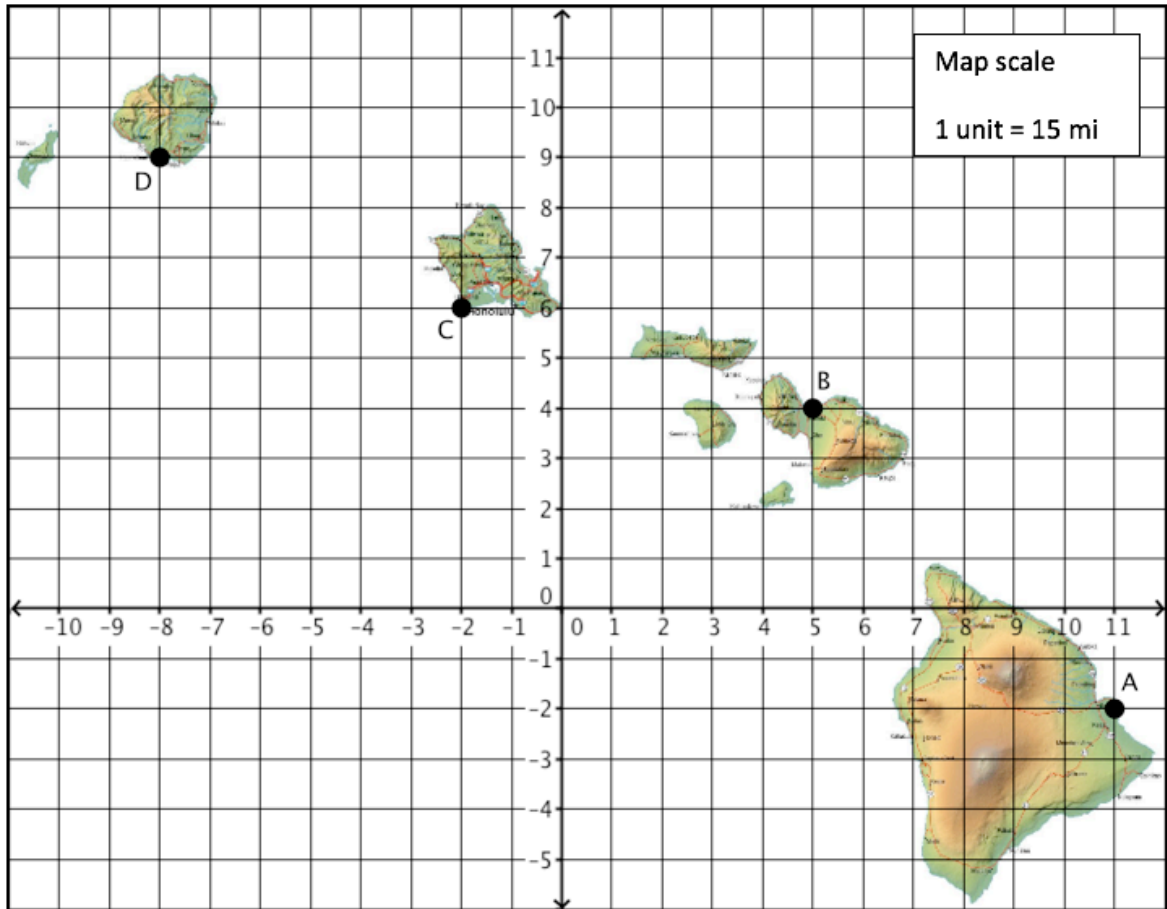Name _____

Pd _____   Date _____

1.   A map of Alaska is shown below.

A.   Determine the approximate distance (in miles) between Haines, located at point A, and Adak Island, located at point B.

B.   Determine the approximate distance (in miles) between the western-most point of the North Slope, located at point C, and Kodiak Island, located at point D.

2. A map of the Hawaiian Islands is shown below.

Map scale

1 unit = 15 mi

Lucky Eddie has homing pigeons. His girlfriend Cora is sailing to Tahiti and he wants to communicate with her. He wants to send his favorite pigeon from Hilo (A) to Cora, knowing that her sailboat is currently located close to the coordinates (20, -55). If his pigeon has a maximum flying range of 1000 mi, will the pigeon be able to make it to the boat? Explain.