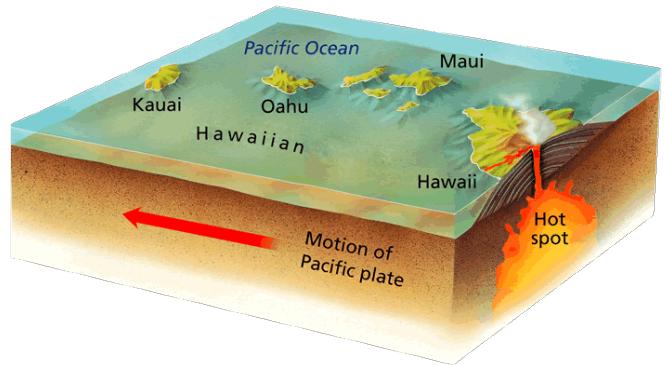
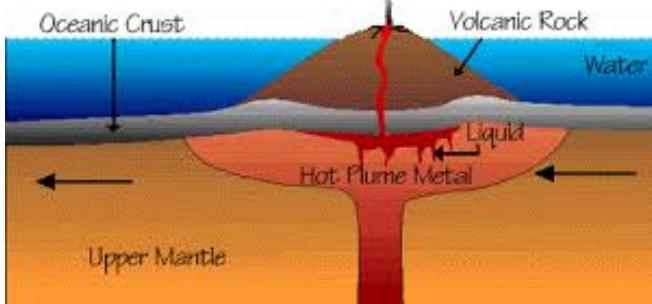
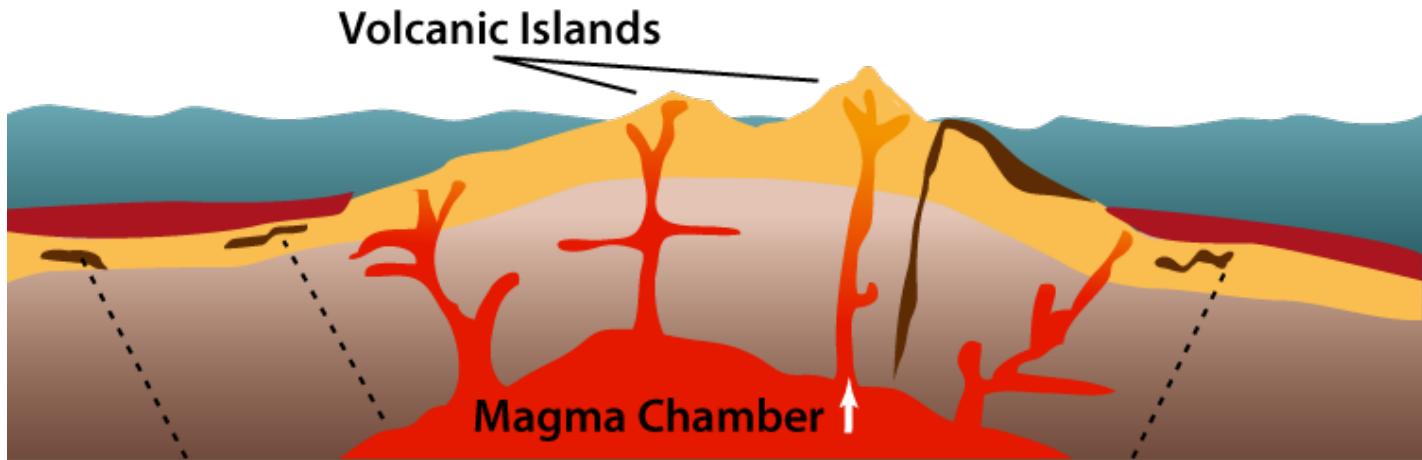


"Hotspot" Volcano (e.g., Hawaii)



HOT SPOT VOLCANOES

Quick Activity With Short Differentiated Questioning Strategies: Coloring, Questions, Data Table, and Graph Analysis



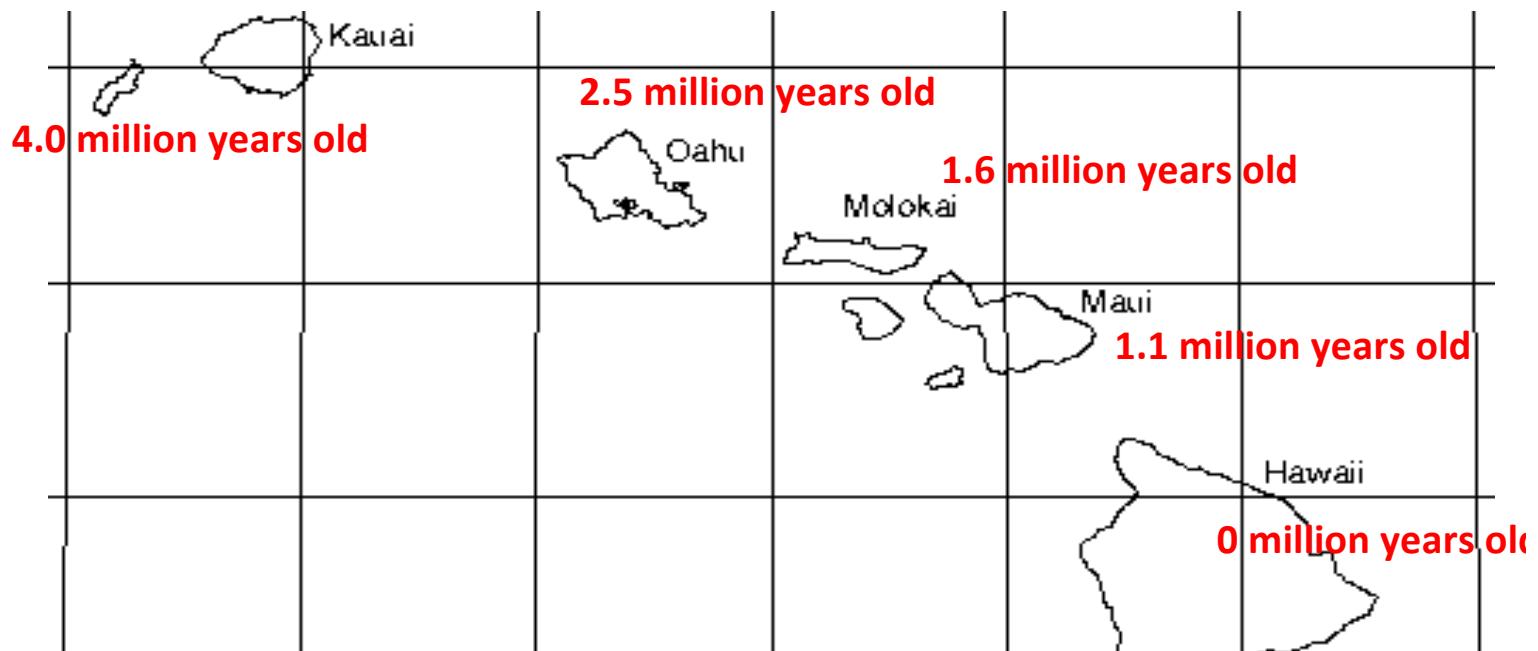
Hot Spot Volcanoes



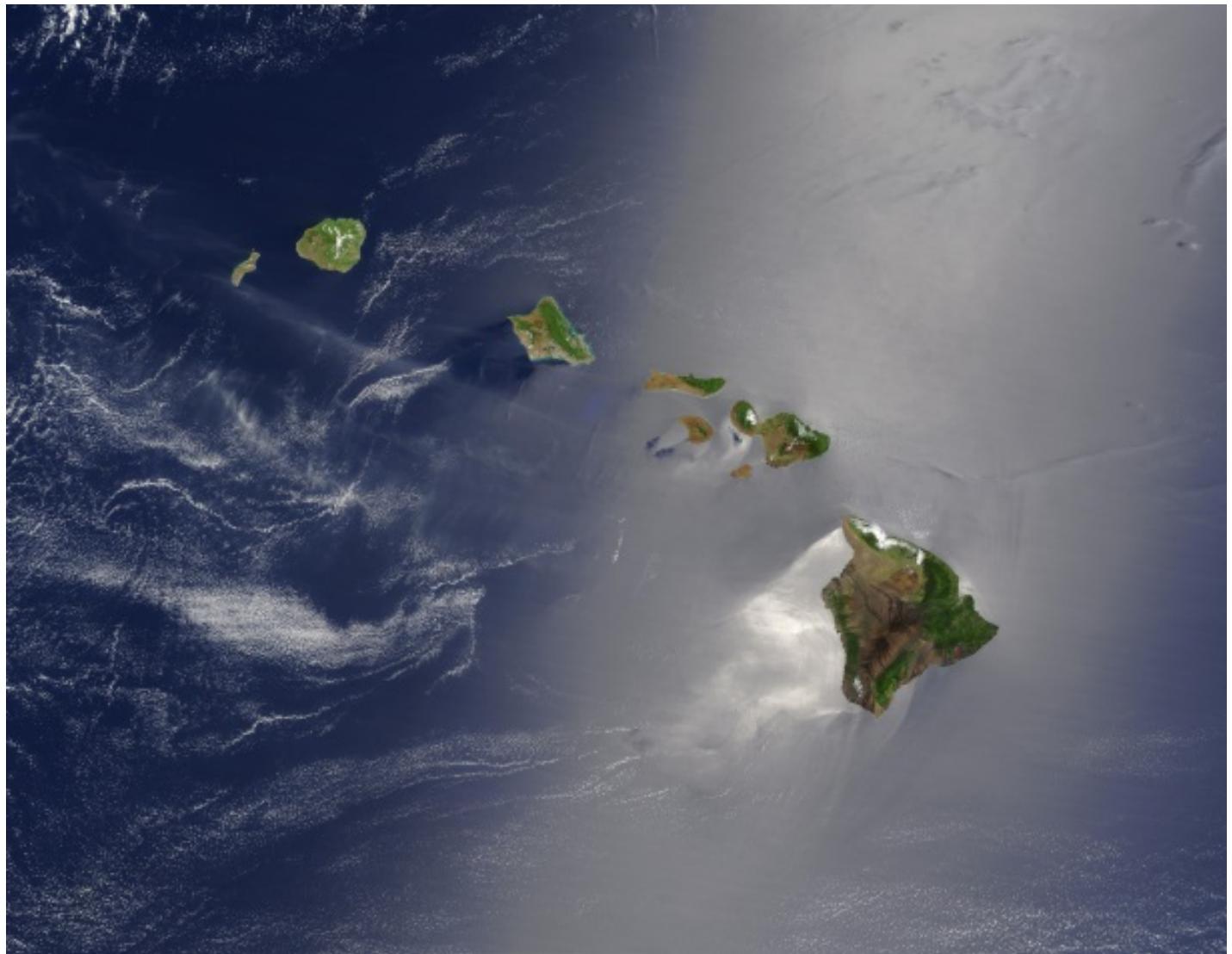
Which U.S. state has NO active volcanoes: Pennsylvania or Hawaii?

Which U.S. state DOES HAVE active volcanoes: Pennsylvania or Hawaii?

Color the ocean **BLUE** and the islands **GREEN**. Cut and paste or Velcro: the label “Oldest Island” of Hawaii and the label “Youngest Island” of Hawaii.



From outer space, especially in warm tropical climates, volcanoes look **BROWN** or **BLACK**. **Circle** in **RED** where you think the **2** largest Hawaiian volcanoes are located.



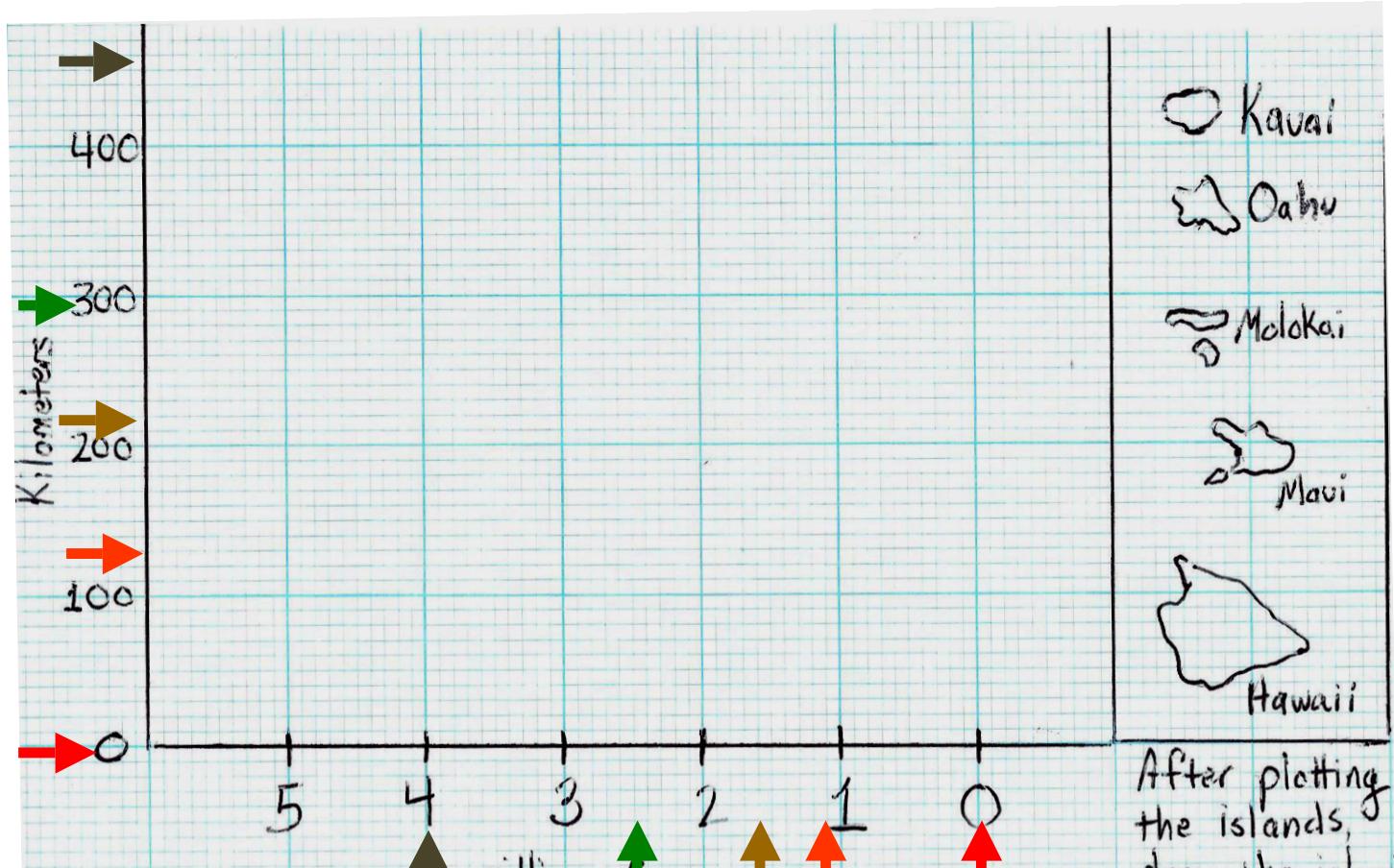
Circle in **RED** the correct answer. Based on the satellite image from outer space, Hawaii has

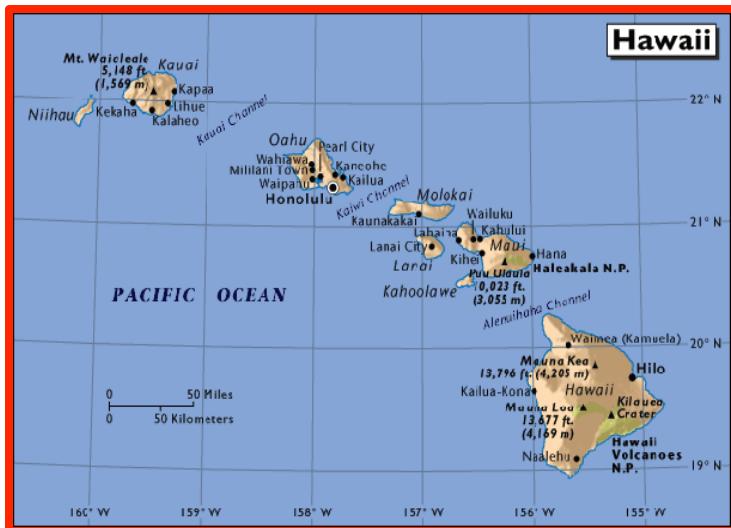
2 OR **5** islands.

Ages of Volcanoes on the Hawaiian Island

Island	Age of Volcanoes m.y. = million years	Distance From Center of Hawaii (Big Island) km = kilometers
Hawaii	0 m.y.	0 km
Maui	1.1 m.y.	140 km
Molokai	1.6 m.y.	220 km
Oahu	2.5 m.y.	300 km
Kauai	4.0 m.y.	460 km

Using the table above and/or colored arrows, VELCRO each island matching its age and distance from hot spot.





Oldest
Island

Youngest
Island



Answer Key

Hot Spot Volcanoes

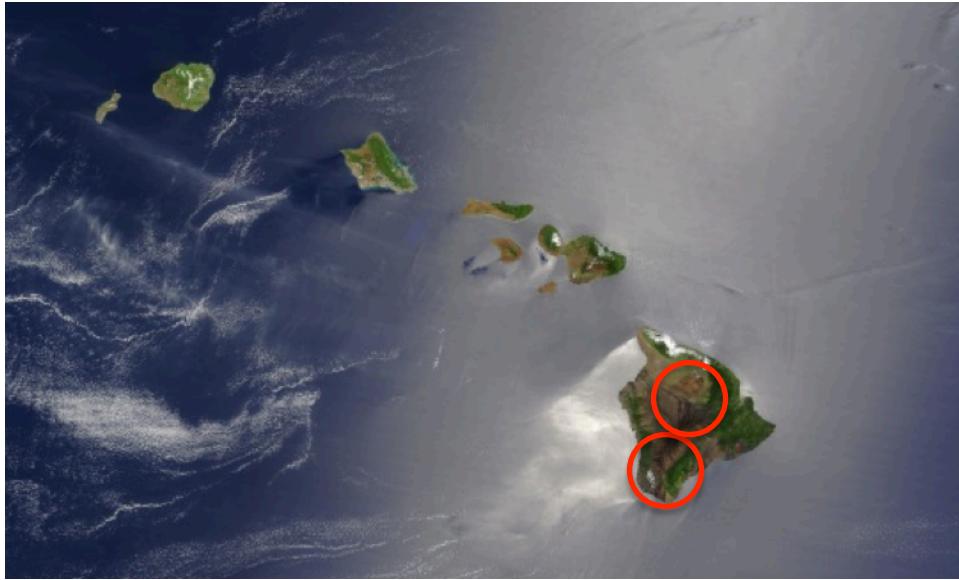
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-5 Islands

Note that the maps show volcano locations but the 2 largest are Mauna Loa and Mauna Kea.

