

Name: _____

Hour: _____ Date: _____

How the Earth was made: Hawaii

1. The Hawaiian Islands are the (youngest) (oldest) geologic formation on Earth.
2. Using the gravitometer, scientist discovered that the Big Island of Hawaii is _____ times bigger than Mount Everest.
3. Mauna Kea, the largest mountain on Earth, extends upward _____ from the sea floor.
4. Underground _____ convey lava up to 30 miles to the ocean.
5. The Hawaiian Islands are located on a hot spot _____ miles from the nearest plate boundary.
6. The formation of volcanoes as the Pacific plate moved over a hot spot confirmed the theory of _____.
7. Basaltic lava has a high _____ content.
8. While the Big Island grows the other islands are getting smaller. This is because they are _____ as they slide off the hot spot bulge in the earth's crust and they are shrinking as _____ inches of rain per year cause massive _____.
9. Molokai has the highest sea cliffs in the world due to a _____ millions of years ago.
10. Seamount Lo'ihi rises _____ from the ocean floor and is still growing.