1. The word tectonics comes from the Greek root _____________.
2. The supercontinent of Pangaea began to break up about ____________ million years ago.
3. Below the earth's crust is the mantle, a dense, hot layer of semi-solid rock approximately _______________ km thick.
4. The small Juan de Fuca Plate is a remnant of the formerly much larger oceanic _____________ Plate.
5. Cryolophosaurus fossils were found at Mount _______________.
6. The drilling vessel Glomar Challenger embarked on a year-long scientific expedition in 19___.
7. The potassium-40 isotope has a half-life of _________ million years.
8. Harry Hess' paper titled "History of Ocean Basins" was published in 19_____.
9. In 1977, scientists discovered hot springs at a depth of 2.5 km on the _____________ Rift.
10. The rate of spreading along the Mid-Atlantic Ridge averages about ___________ centimeters per year.
11. The actively splitting African Plate and the Arabian Plate meet in what geologists call a _____________ junction.
12. On 9 June 1994, a magnitude-8.3 earthquake struck about 320 km northeast of La Paz, Bolivia, at a depth of _____________ km.
13. India rammed into Asia about ____ to ____ million years ago.
14. The concept of transform faults originated with Canadian geophysicist _____________.
15. Recent surveys demonstrate that parts of the Yellowstone region rise and fall by as much as ______ cm each year.
16. A sharp bend in the Hawaiian Ridge-Emperor Seamounts chain indicates that the motion of the Pacific Plate abruptly changed about ____ million years ago, as it took a more westerly turn from its earlier northerly direction.
17. Heat within the Earth comes from two main sources: ______________________ and ___________________.
18. A magnitude-7.7 earthquake struck the Chinese province of Hebei in 1976 and killed as many as _________________ people.
19. Since the year A.D. 1600, nearly _________________ people have been killed by volcanic eruptions.
20. Tsunamis are a series of waves that race across the ocean at speeds of more than _____________ km per hour.