Name: _____ Pd: _____

**THEORY OF PLATE TECTONICS SCIENCE STARTERS**

**11/27-12/1/2023**

***ALL UNIT SCIENCE STARTERS MUST BE TURNED IN BY THE UNIT TEST TO RECEIVE CREDIT***

| Date: | Question: | Answer: |
|---|---|---|
| Monday /2 | Florida is not close to the edge of a tectonic plate. Therefore, which one of the following features does not exist in or beneath Florida?<br>A. crust<br>B. mantle<br>C. tectonic plate<br>D. tectonic plate boundary | |
| Tuesday /2 | The Red Sea formed as the African Plate moved apart from the Arabian Plate. Which type of boundary was involved in the formation of the Red Sea?<br>A. transform boundary<br>B. divergent boundary<br>C. stationary boundary<br>D. convergent boundary | |
| Wednesday /2 | What is the reasoning behind the movement of the tectonic plates?<br>A. slab pull and sea-floor spreading<br>B. mantle convection<br>C. conduction currents in the inner and outer core<br>D. drastic differences in temperatures of the crusts | |

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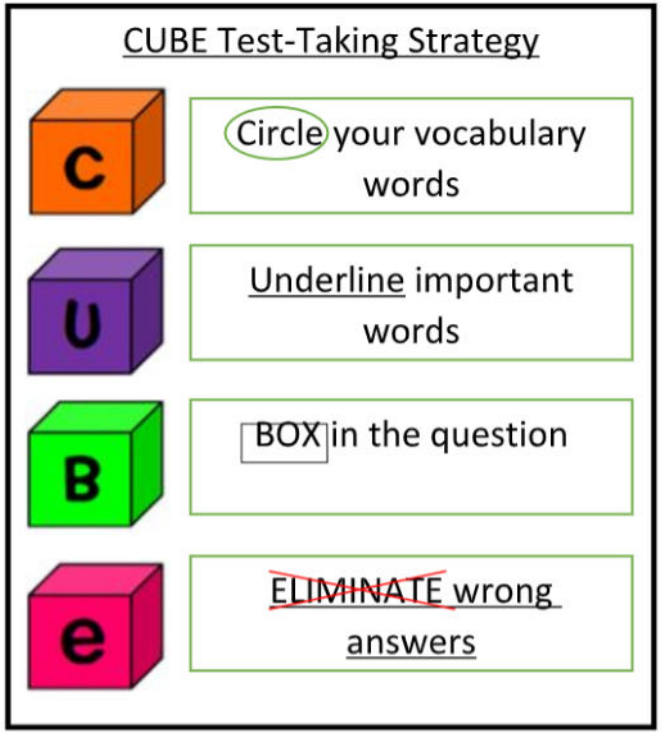
| Thursday<br><br>/2 | What is the motion that occurs at a divergent plate boundary?<br>A. slides away from each other<br>B. plates collide with each other<br>C. plates slide past each other horizontally<br>D. plates stay still, they do not move |
| Friday<br><br>/2 | During the last 50 million years, the lithospheric plates carrying modern day India moved toward its present position. As it moved, the Himalayan Mountains were formed along the boundary of the Indian and the Eurasian plate. Which is the best answer to explain the type of movement between these plates?<br>A. The two continental plates moved past each other<br>B. The two continental plates moved toward each other<br>C. The two continental plates moved away from each other<br>D. The continental and oceanic plates moved toward each other |





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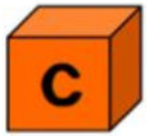
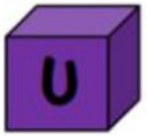
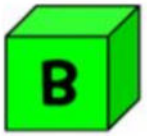
## CUBE Test-Taking Strategy



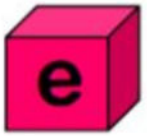

Circle your vocabulary words




Underline important words




BOX in the question




~~ELIMINATE~~ wrong answers