

Name: \_\_\_\_\_ Pd: \_\_\_\_\_

## RELATIVE DATING SCIENCE STARTERS

1/8-1/12/2024

\*ALL UNIT WARM-UPS MUST BE TURNED IN BY UNIT TEST TO RECEIVE  
CREDIT\*

Points:	Question:	Answer:
Monday ____/2	Coal, a fossil fuel made from the remains of swamp plants, has been found in Antarctica. Which of the following is the <b>most</b> reasonable explanation for how this is possible when 98% of Antarctica is now covered in ice? A. The coal was transported by animals that ate the swamp plants. B. The climate of Antarctica has become milder due to its closeness to the ocean. C. The climate of Antarctica was probably much warmer in the past than it is today. D. The coal was transported through large convection currents and uplift in the mantle.	
Tuesday ____/2	Scientists have found many marine fossils on mountains far from any ocean or sea. What is the <b>best</b> explanation for these fossils? A. Meteors with marine fossils landed on the mountains. B. Wind carried fossils from the seashore to the mountains. C. The mountains were made out of land that was once below the ocean. D. Predators caught marine prey and carried it to the top of the mountains	
Wednesday ____/2	Paleontologists discovered fish fossils in the arid deserts of western Egypt. What does the fossil evidence <b>most likely</b> indicate about this area's geologic past? A. The desert was once a vast ocean. B. A giant ocean wave carrying sea life crashed onto the desert. C. Mountains in the region once provided water from snowmelt. D. The area was moved from the ocean to the desert by plate tectonics.	

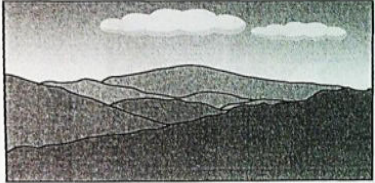

Name: \_\_\_\_\_ Pd: \_\_\_\_\_

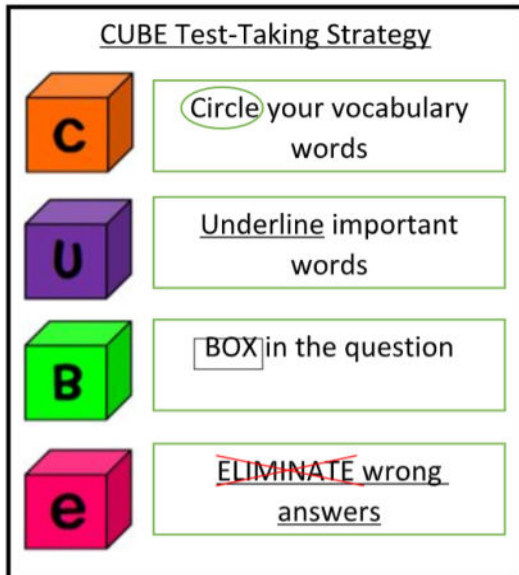
## RELATIVE DATING SCIENCE STARTERS

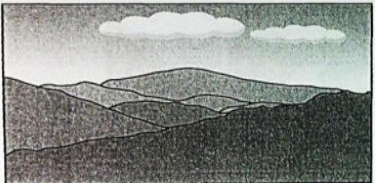

1/8-1/12/2024

\*ALL UNIT WARM-UPS MUST BE TURNED IN BY UNIT TEST TO RECEIVE  
CREDIT\*

Points:	Question:	Answer:
Monday ____/2	Coal, a fossil fuel made from the remains of swamp plants, has been found in Antarctica. Which of the following is the <b>most</b> reasonable explanation for how this is possible when 98% of Antarctica is now covered in ice? A. The coal was transported by animals that ate the swamp plants. B. The climate of Antarctica has become milder due to its closeness to the ocean. C. The climate of Antarctica was probably much warmer in the past than it is today. D. The coal was transported through large convection currents and uplift in the mantle.	
Tuesday ____/2	Scientists have found many marine fossils on mountains far from any ocean or sea. What is the <b>best</b> explanation for these fossils? A. Meteors with marine fossils landed on the mountains. B. Wind carried fossils from the seashore to the mountains. C. The mountains were made out of land that was once below the ocean. D. Predators caught marine prey and carried it to the top of the mountains	
Wednesday ____/2	Paleontologists discovered fish fossils in the arid deserts of western Egypt. What does the fossil evidence <b>most likely</b> indicate about this area's geologic past? A. The desert was once a vast ocean. B. A giant ocean wave carrying sea life crashed onto the desert. C. Mountains in the region once provided water from snowmelt. D. The area was moved from the ocean to the desert by plate tectonics.	

Thursday ____/2	<p>The Law of Superposition helps scientists determine what?</p> <p>A. the absolute age of rock layers  B. the age of fossils  C. the relative age of rock layers  D. the superpowers of rocks</p>
Friday ____/2	<p>Compare the images of the Appalachian Mountains on the left and the Himalayan Mountains on the right. The Appalachian Mountains formed before the Himalayas.</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="text-align: center;">Appalachian Mountains      Himalayan Mountains</p> <p>What do these pictures indicate about how Earth's mountains change over time?</p> <p>A. Mountains erode over time.  B. Mountains do not change over time.  C. High-mountain lakes form over time.  D. Mountains become rougher over time.</p>



Thursday ____/2	<p>The Law of Superposition helps scientists determine what?</p> <p>A. the absolute age of rock layers  B. the age of fossils  C. the relative age of rock layers  D. the superpowers of rocks</p>
Friday ____/2	<p>Compare the images of the Appalachian Mountains on the left and the Himalayan Mountains on the right. The Appalachian Mountains formed before the Himalayas.</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="text-align: center;">Appalachian Mountains      Himalayan Mountains</p> <p>What do these pictures indicate about how Earth's mountains change over time?</p> <p>A. Mountains erode over time.  B. Mountains do not change over time.  C. High-mountain lakes form over time.  D. Mountains become rougher over time.</p>

