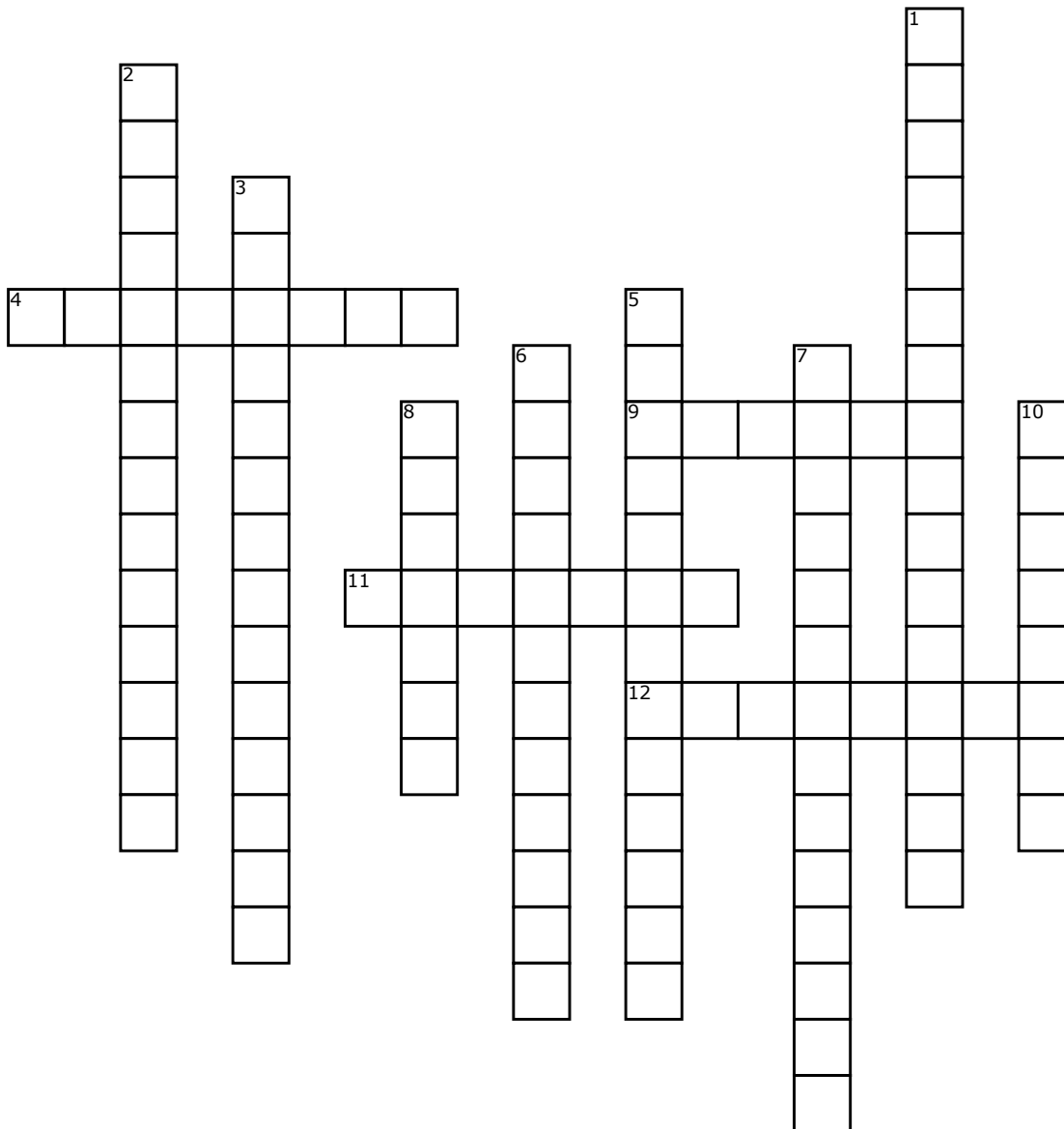


Geologic Time - Relative & Absolute Dating



Across

4. the amount of time it takes for half an isotope to decay

9. an unstable isotope

11. an atom of the same element that has a different number of neutrons in its nucleus and, therefore, a different mass

12. small pieces of eroded rock that is moved by wind or water,

Down

1. the decay of an isotope

2. an exact age given to a rock layer or fossil based on its isotope decay

3. approximate age given to a rock layer based on its position

5. law stating that older rock layers are found at the bottom

6. study of rock layers to determine geologic history

7. column created to determine age of rocks and fossils

8. the process by which wind, water, ice, gravity, or other natural forces move sediment over Earth's surface

10. a stable isotope