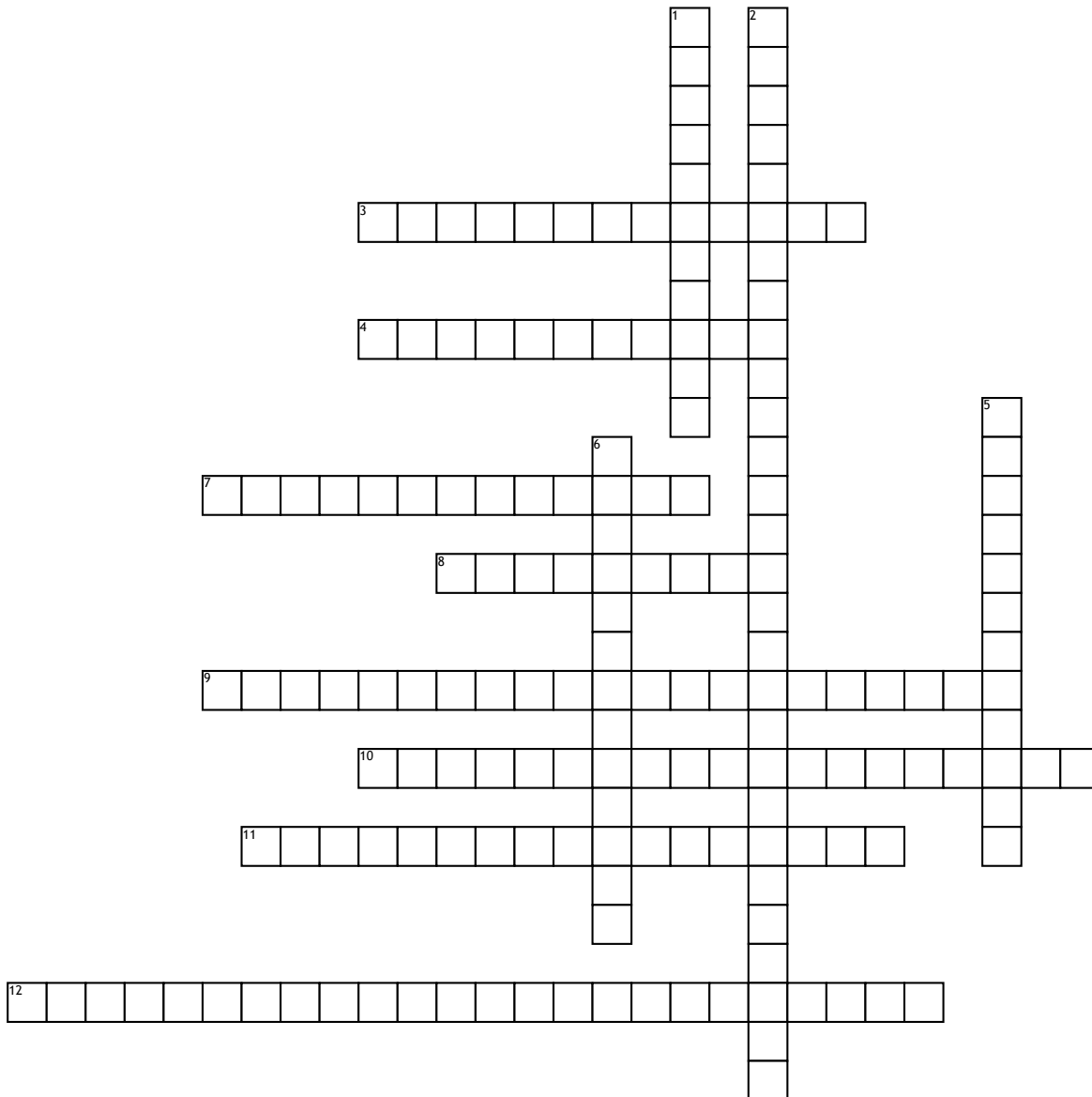


Relative Dating



Across

3. the ordering of sedimentary layers of rock with the oldest on the bottom and the youngest on top

4. refers to the geologic age of a rock, fossil, feature, or event given in units of time, usually years.

7. an unconformity in which sedimentary rock layers overlie an erosion surface cut into igneous or metamorphic rocks

8. the process during which rocks are formed, change, wear down, and are formed again over long periods of time

9. the scientific law stating that inclusions or fragments in a rock unit are older than the rock unit itself

10. an unconformity in which younger sediments have been deposited on top of the eroded surface of tilted or folded older rock layers

11. Scientists commonly determine an object's absolute age using this

12. the scientific law stating that, in undisturbed rock layers, each layer is younger than the layer beneath it, and older than the layer above it

Down

1. refers to the age of a rock, fossil, geologic feature, or event relative to other rocks, fossils, features, or events.

2. the scientific law stating that sedimentary layers extend horizontally outward in all directions until they terminate

5. the remains of organisms that typically have three characteristics.

6. an unconformity in which the rock layers are parallel