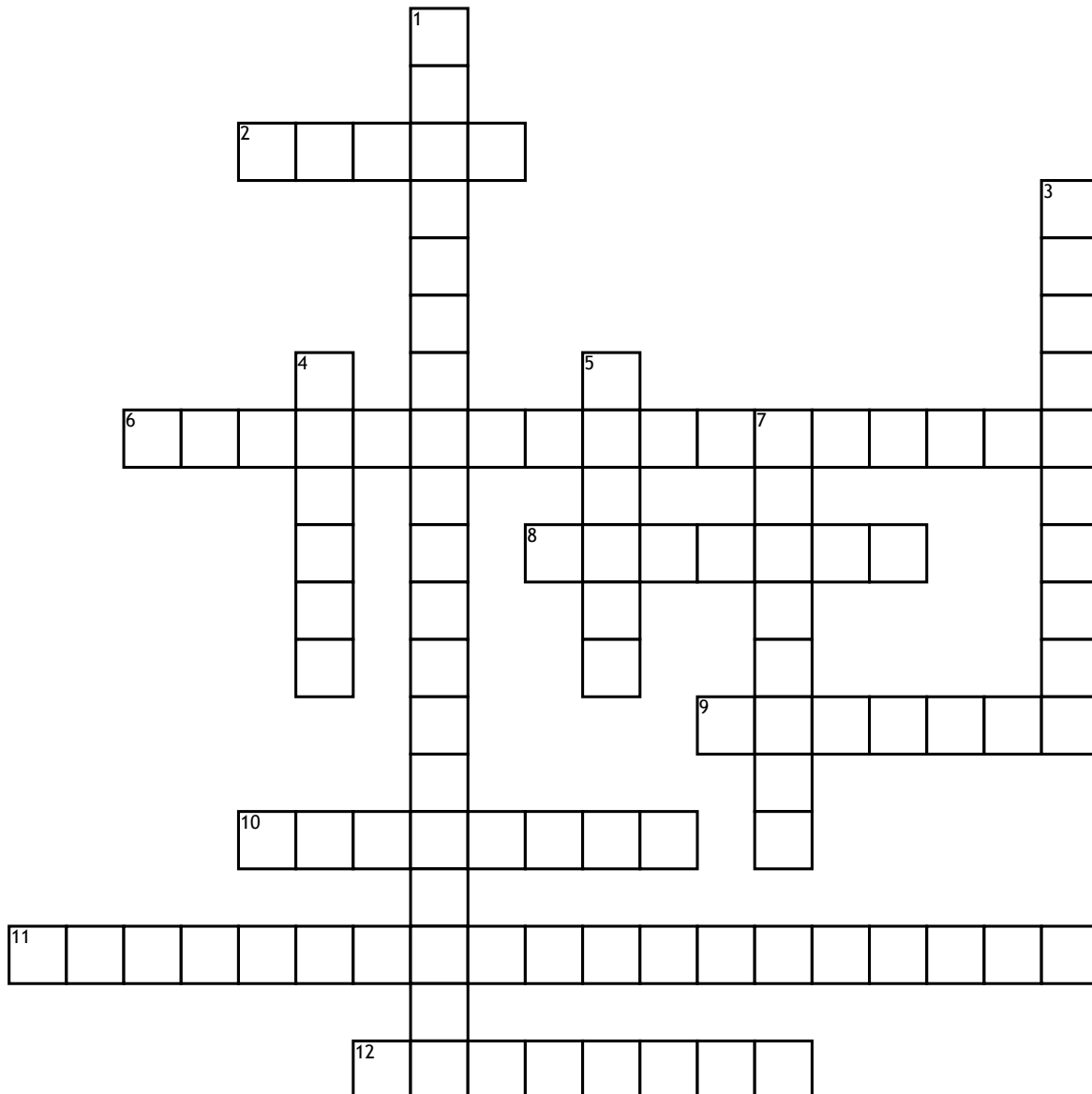


Earth Space Science



Across

2. is the deepest and darkest part of a shadow

6. the sun is completely blocked as the umbra shadow of the moon falls onto Earth.

8. result when more than half of the moon is visible to an observer on Earth.

9. occurs when the moon is between the sun and Earth

10. When the moon is full,

11. occurs when the moon is at apogee and does not fully cover the disk of the sun, leaving a ring of the sun still visible.

12. forms where sunlight is partially blocked

Down

1. the penumbra shadow of the moon falls on Earth, covering only a portion of the sun.

3. happens when light rays bounce off an object and travel in another direction.

4. phases of the moon are based on the portion of the moon an observer can see and whether the moon is "shrinking"

5. What is it called when the moon is "growing"

7. result when less than half of the moon is visible to an observer on Earth.