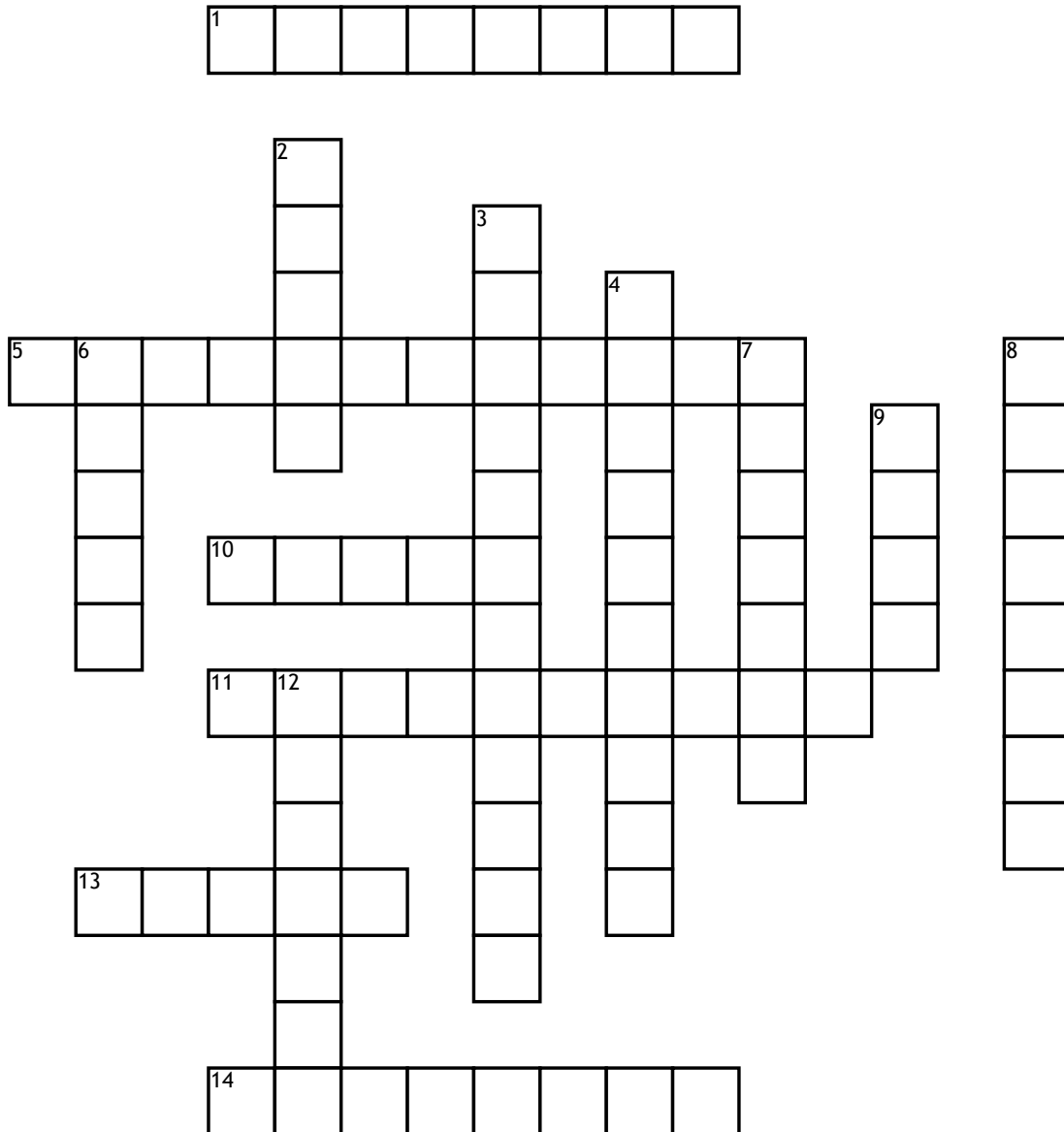


Name: _____

Date: _____

school



Across

1. When the sun appears farthest North or South of the equator once a year
 5. The blocking of sunlight to the moon that occurs when Earth is directly between the Sun and Moon
 10. One of the different apparent shapes of the moon as seen from Earth
 11. The movement of one object around another
 13. A slightly elongated circle or eclipse

14. The tide with the least difference between consecutive low and high tides
Down

2. The darkest part of a shadow penumbra: The part of a shadow surrounding the darkest part
 3. The blocking of sunlight that occurs when the moon is directly between the sun and Earth
 4. The tide with the greatest difference between consecutive low and high tide

6. The darkest part of the moons shadow
 7. When neither the hemisphere is tilted toward the sun
 8. When parts of the sun is visible to the Earth
 9. The periodic rise and fall of the water in the ocean
 12. The partial or total blocking of the sun by the moon