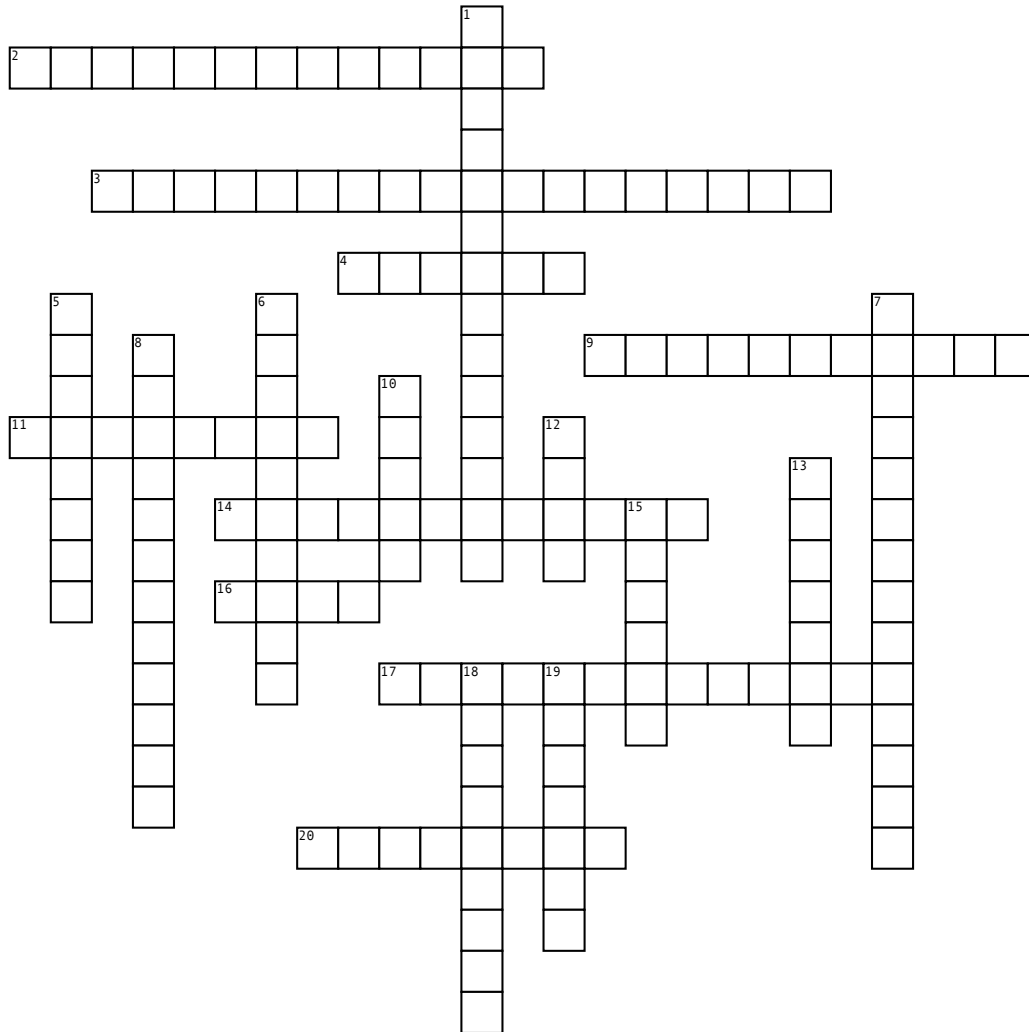


Earth & Space



Across

2. The moon appears to be more than half, but not fully, lit by the sun, The lit portion will grow larger every day

3. The region of the earth from the equator to the North Pole

4. One of four parts of the year marked by changes in hours of daylight and changes in weather

9. When the tidal range is at its largest and the tides are unusually high and low on the same day

11. The moon appears to be completely lit by the sun

14. When the Earth casts a shadow on the moon, causing the moon to go dark

16. Regular rising and falling ocean levels

17. The Moon appears to be more than half, but not fully, lit by sunlight, The lit portion will grow smaller every day

20. The spinning of a planet on its axis

Down

1. The time of the year in which the longest day occurs

5. The lighter part of a shadow

6. The motion of a body that travels around another body in space

7. The time of year in which the shortest day occurs

8. When the Moon casts a shadow on the Earth, causing the sun to go dark

10. The darkest part of a shadow

12. The imaginary line that passes through the center of a planet from pole to pole

13. The time at which the sun is directly overhead at the equator causing day and night to be about equal lengths

15. The times where the Moon, the Earth, and the Sun line up perfectly for an eclipse

18. When the tidal range is at its smallest

19. The moon is not visible. The side that is facing away from Earth is lit and the side facing Earth is not lit

Word Bank

Waning Gibbous

Equinox

Summer Solstice

Spring Tides

Winter Solstice

Lunar Eclipse

Waxing Gibbous

Season

Solar Eclipse

Umbra

Rotation

Neap Tides

Revolution

Northern Hemisphere

Axis

Tide

Syzygy

Penumbra

new moon

Full Moon