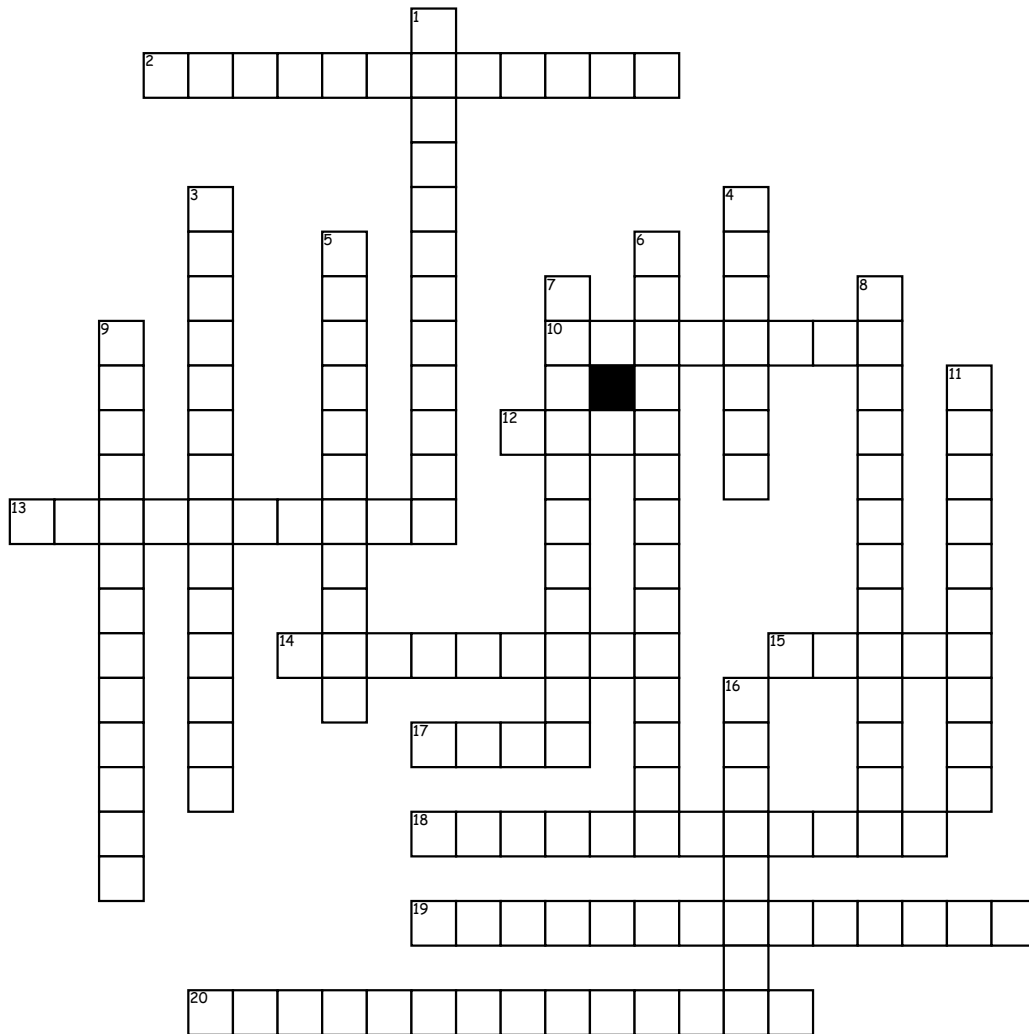


The Moon Makes Wonders



Across

2. The right half of the moon is lit when the moon is in its _____ phase.
10. The lighter part of the moons shadow is the _____.
12. A cycle of rising and falling of ocean levels are _____.
13. What phase has the order Earth, Moon, Sun?
14. When the tidal range is at its smallest is the _____.
15. The darkest part of the moons shadow is the _____.
17. The imaginary line that passes through the center of a planet from pole to pole
18. What event occurs when the Moon's shadow falls on the earth?

19. The longest day occurs when its the _____.

20. The moon is less than half lit and is INCREASING when the moon is in its _____ phase.

Down

1. What event occurs when the Earth's shadow falls on the moon?
3. The moon is less than half lit and is DECREASING when its in its _____ phase.
4. The moon is not visible when it is in the _____ phase.
5. The left half of the moon is lit when its in its _____ phase.
6. The shortest day occurs when its the _____.

7. When the tidal range is at its largest and they are unusually high and low on the same day are the _____.

8. The moon is more than half lit but is DECREASING when its in its _____ phase.

9. The moon is more than half lit and is INCREASING when it is in its _____ phase.

11. The difference between the levels of ocean water at high tide and low tide is the _____.

16. The whole moon is lit when its at its _____ phase.

Word Bank

Lunar Eclipse
Tide
Tidal range
Lunar Phase

Last quarter
New moon
Summer Solstice
Solar Eclipse

Umbra
Full Moon
Penumbra
Winter Solstice

Waxing crescent
Axis
Neap tides
Waning Crescent

First Quarter
Waning gibbous
Spring tides
Waxing gibbous