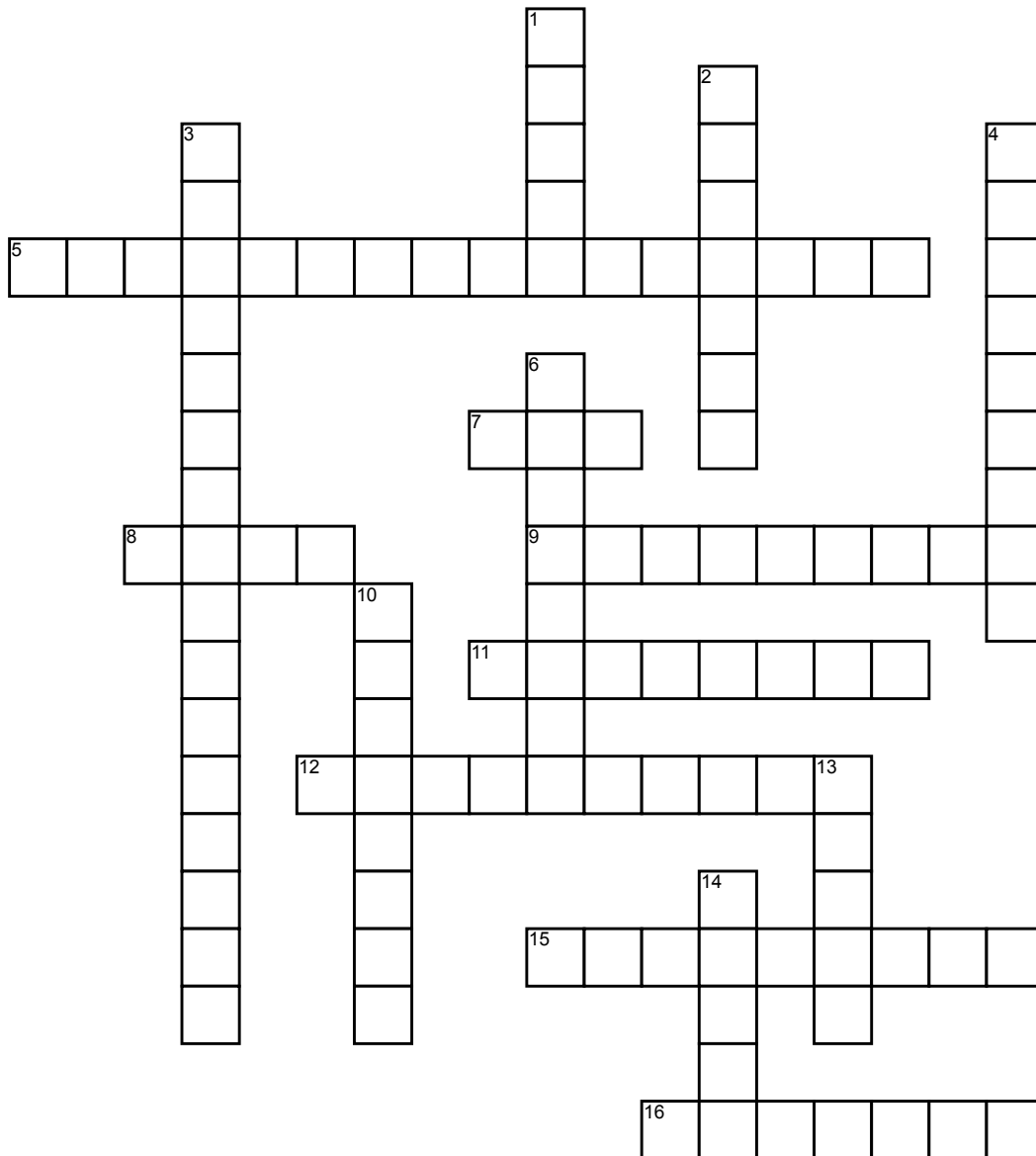


Tides



Across

- 5.** A moon phase where the left half of the moon is lit
7. any star around which planets revolve
8. a disturbance caused by a vibration
9. the part of a terrestrial tide due to the mutual attraction between earth and moon
11. the state of the tide when at its lowest level
12. a type of tide that occurs when the sun, moon, and Earth are in a straight line

- 15.** A partial tide, with a period of 12 hours, caused by the tide-producing force of the sun.
16. a force that exists between any two objects that have mass

Down

- 1.** the layer of rock that forms Earth's surface
2. the phase of the moon when it is in conjunction with the sun and invisible from earth
3. A moon phase where the right half of the moon is lit and creates neap tides

- 4.** the state of the tide when at its highest level.
6. the phase of the moon in which its whole disk is illuminated
10. produced when the sun, moon, and Earth align at a 90° angle
13. the third planet from the Sun
14. a molecule that contains two hydrogen atoms and one oxygen atom