Name:	Date:	

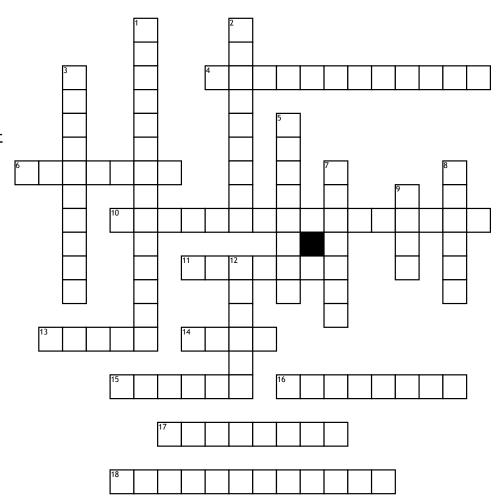
## Seasons

## <u>Across</u>

- **4.** an eclipse in which the sun is obscured by the moon.
- **6.** an obscuring of the light from one celestial body by the passage of another between it and the observer or between it and its source of illumination
- **10.** Diffused light, as opposed to the direct rays of the sun
- 11. the phase of the moon when it is in conjunction with the sun and invisible from earth, or shortly thereafter when it appears as a slender crescent.
- **13.** the path followed by an object revolving around another object, under the influence of gravitation (see satellite).
- **14.** an imaginary line about which a body rotates.
- **15.** (of the moon between new and full) have a progressively larger part of its visible surface illuminated, increasing its apparent size.
- **16.** the phase of the moon in which its whole disk is illuminated.
- 17. when the sun reaches its highest or lowest point in the sky at noon, marked by the longest and shortest days.
- **18.** an eclipse in which the moon appears darkened as it passes into the earth's shadow.

## <u>Down</u>

- 1. the sun shines directly
- 2. the shape of the illuminated (sunlit) portion of the Moon as seen by an observer on Earth.
- 3. an instance of revolving.



- **5.** the action of rotating around an axis or center.
- 7. the time or date (twice each year) at which the sun crosses the celestial equator, when day and night are of equal length (about September 22 and March 20).
- **8.** a round solid figure, or its surface, with every point on its surface equidistant from its center.
- **9.** the angle between an object's rotational axis and its orbital axis, or, equivalently, the angle between its equatorial plane and orbital plane.
- **12.** "shrinking" or decreasing in illumination.







