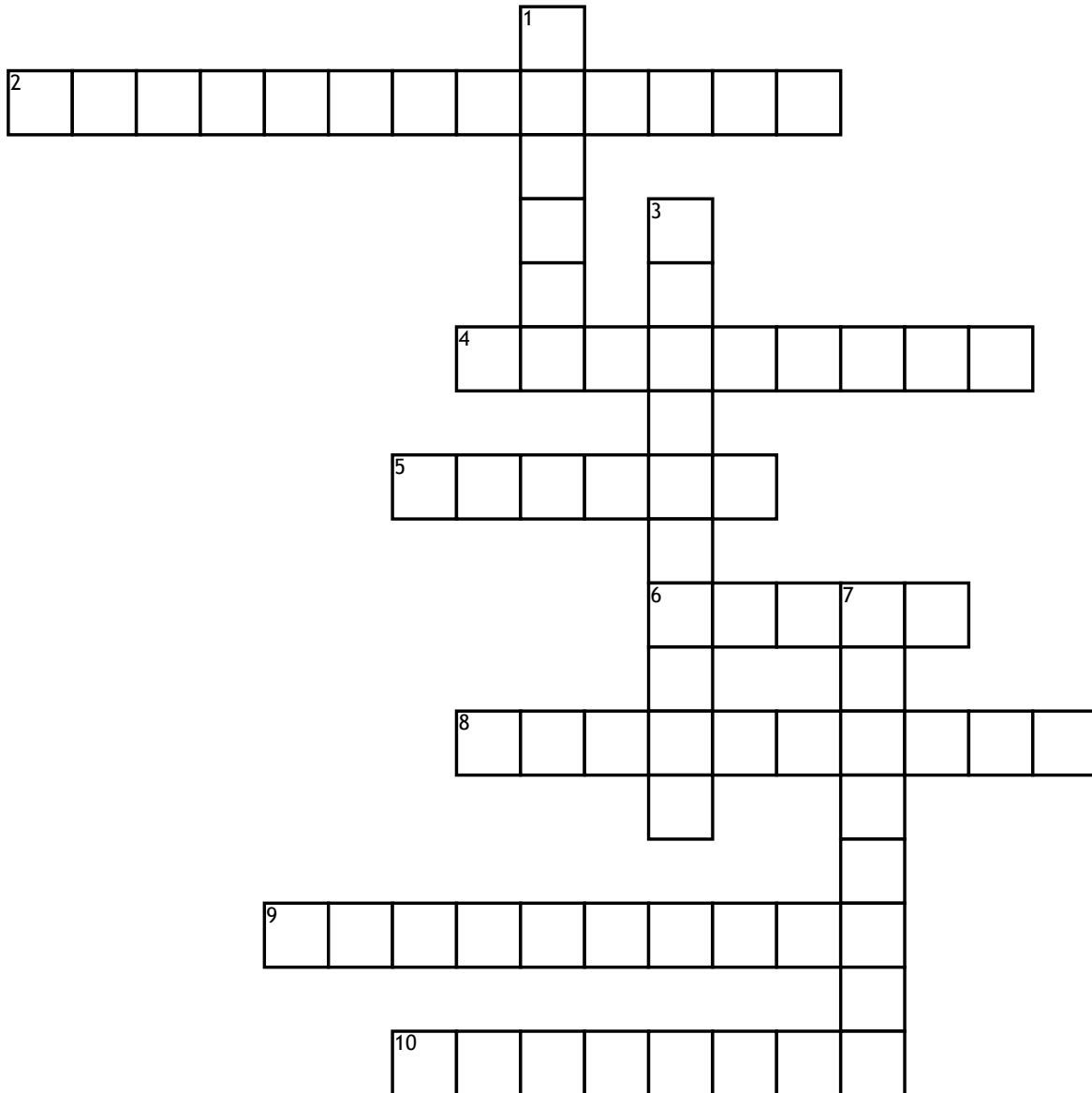


Earth-Moon-Sun Relationship



Across

- 2. the Earth's magnetic field extends far into space
- 4. an imaginary hollow sphere, with the Earth at its center, to which all the stars seen in the night sky appear to be fixed
- 5. a solstice that occurs on about June 21, when the Sun reaches the point on the ecliptic furthest north from the celestial equator
- 6. an eclipse that occurs when the moon moves in a line directly between Earth and the sun, casting a shadow on Earth
- 8. the amount of radiation per area that reaches the earths surface

- 9. the time when Earth is closest to the sun
- 10. the time it takes for Earth to make one complete rotation (360°) with respect to a star other than the sun—23 hours, 56 minutes, 4 seconds

Down

- 1. the point at which the moon is farthest from Earth
- 3. the Earth's axis is a very slow conical motion caused by the combined gravitational pulls of the Sun and the Moon
- 7. an equinox that occurs on about September 22, when the Sun crosses the celestial equator heading south