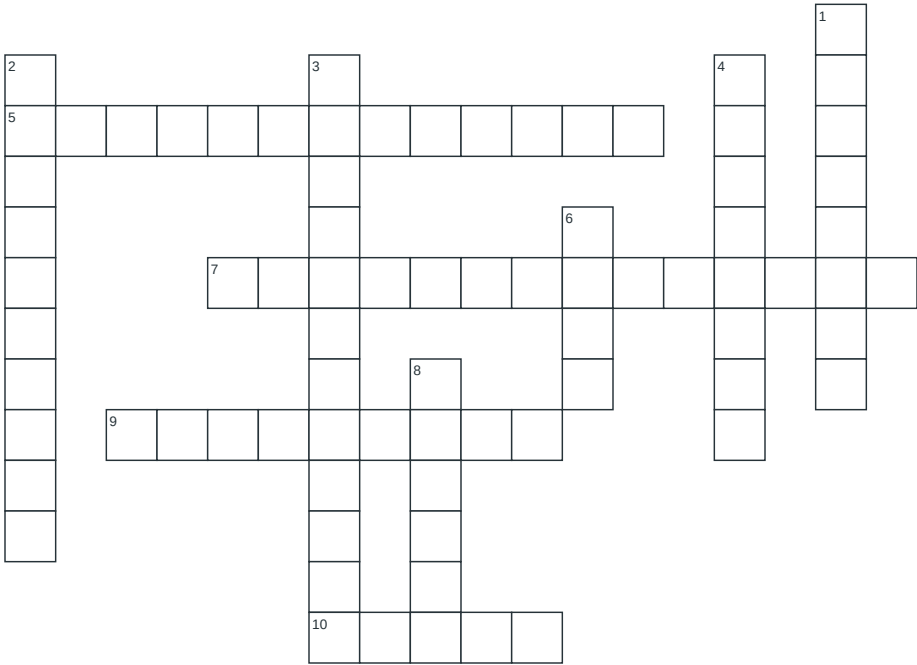


Earth Moon and Sun Crossword

Easy | 10 clues | Student Worksheet

Name: _____ Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

- 5. Earth's spin around its axis, producing the daily cycle of day and night.
- 7. Causes the regular cycle of day and night on Earth
- 9. Angle between a planet's rotation axis and a line perpendicular to its orbital plane.
- 10. During a lunar eclipse, which object lies between the Sun and the Moon

DOWN

- 1. At which phase is the Moon's near side fully illuminated as viewed from Earth

DOWN (continued)

- 2. One complete orbit of Earth around the Sun
- 3. Event in which the Moon passes between Earth and the Sun and blocks some sunlight.
- 4. Tide with a small tidal range near first- or third-quarter moon
- 6. During a solar eclipse, which object lies between Earth and the Sun
- 8. In June, the Northern Hemisphere is tilted toward the Sun. What season generally occurs in southern Australia

Earth Moon and Sun Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

5. Earth rotation
7. Earth's Rotation
9. Axial tilt
10. Earth

DOWN

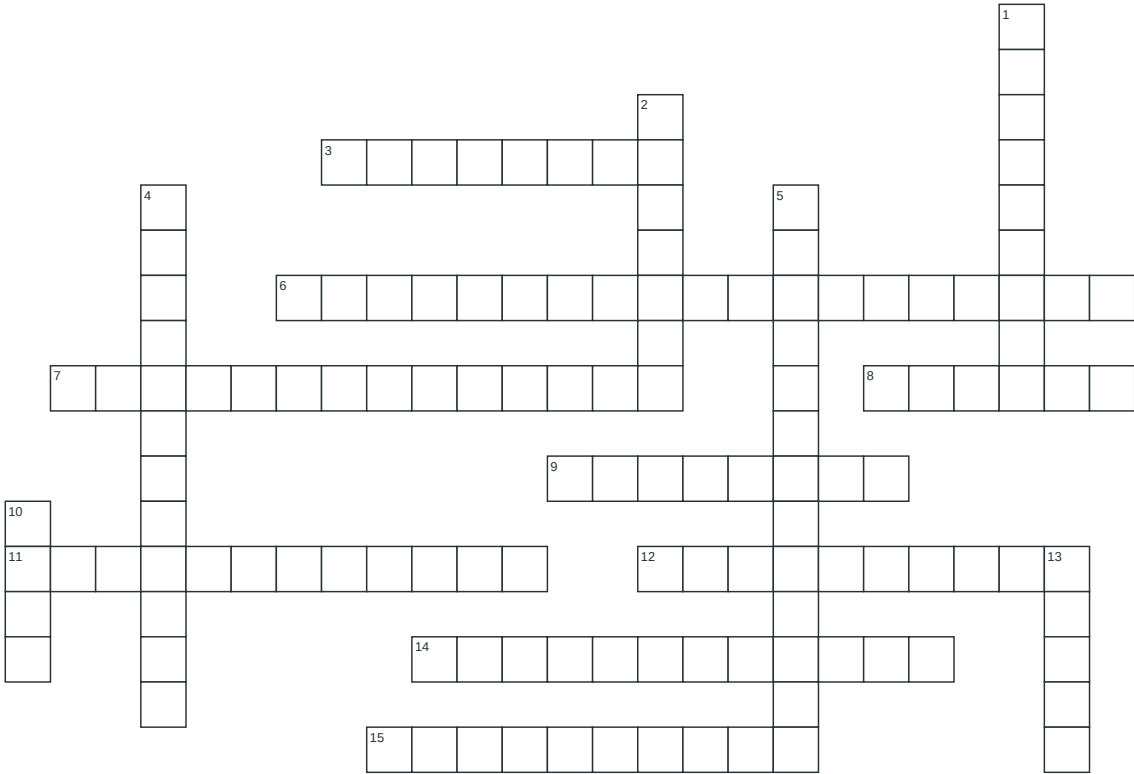
1. Full Moon
2. Revolution
3. Solar eclipse
4. Neap Tide
6. Moon
8. Winter

Earth Moon and Sun Crossword

Medium | 15 clues | Student Worksheet

Name: _____ Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

- 3. Tide with a small tidal range near first- or third-quarter moon
- 6. Rotation in which an object's spin period matches its orbital period.
- 7. Causes the regular cycle of day and night on Earth
- 8. In June, the Northern Hemisphere is tilted toward the Sun. What season generally occurs in southern Australia
- 9. At which phase is the Moon's near side fully illuminated as viewed from Earth
- 11. Plane containing the path of an orbiting object.
- 12. Apparent shape of the Moon's sunlit portion as viewed from Earth.
- 14. Event in which Earth's shadow falls on the Moon.

ACROSS (continued)

- 15. One complete orbit of Earth around the Sun

DOWN

- 1. Angle between a planet's rotation axis and a line perpendicular to its orbital plane.
- 2. Lunar phase when the Moon is near the direction of the Sun in the sky.
- 4. Event in which the Moon passes between Earth and the Sun and blocks some sunlight.
- 5. Earth's spin around its axis, producing the daily cycle of day and night.
- 10. During a solar eclipse, which object lies between Earth and the Sun
- 13. During a lunar eclipse, which object lies between the Sun and the Moon

Earth Moon and Sun Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

3. Neap Tide
6. Synchronous rotation
7. Earth's Rotation
8. Winter
9. Full Moon
11. Orbital plane
12. Lunar phase
14. Lunar eclipse

ACROSS (continued)

15. Revolution

DOWN

1. Axial tilt
2. New moon
4. Solar eclipse
5. Earth rotation
10. Moon
13. Earth

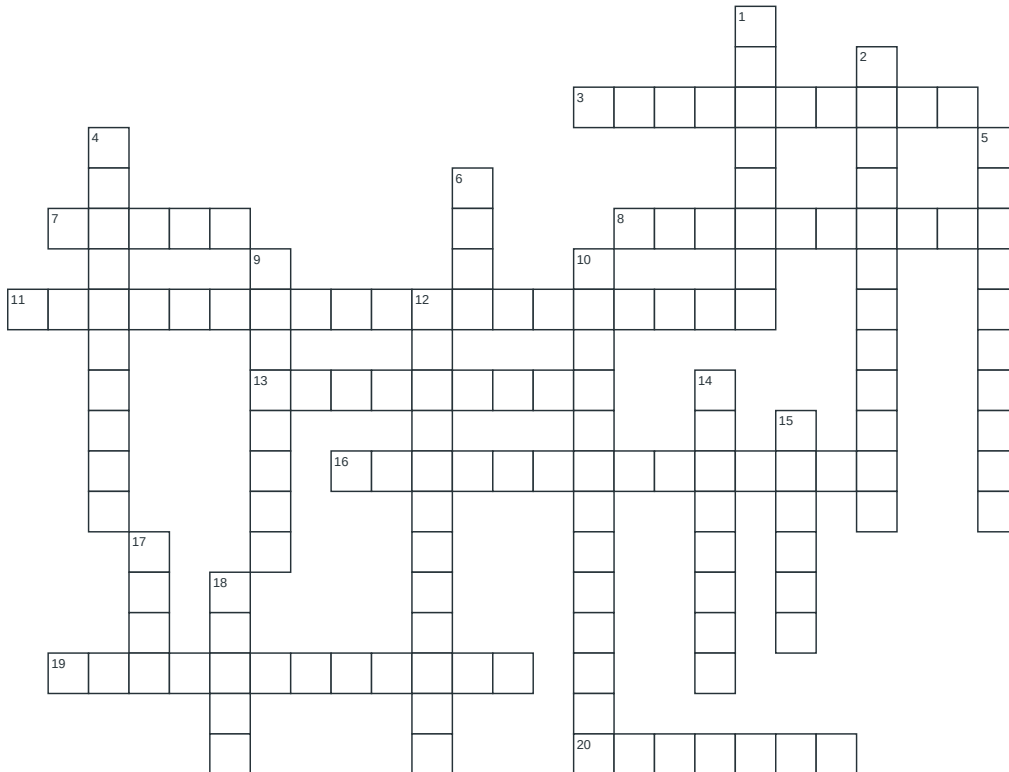
Earth Moon and Sun Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

3. Difference in gravitational pull across an extended object, contributing to ocean tides.
7. Path of an object as it moves around another object under gravity.
8. One complete orbit of Earth around the Sun
11. Rotation in which an object's spin period matches its orbital period.
13. Angle between a planet's rotation axis and a line perpendicular to its orbital plane.
16. Causes the regular cycle of day and night on Earth
19. Event in which Earth's shadow falls on the Moon.
20. Lunar phase when the Moon is near the direction of the Sun in the sky.

DOWN

1. At which phase is the Moon's near side fully illuminated as viewed from Earth
2. Plane containing the path of an orbiting object.

DOWN (continued)

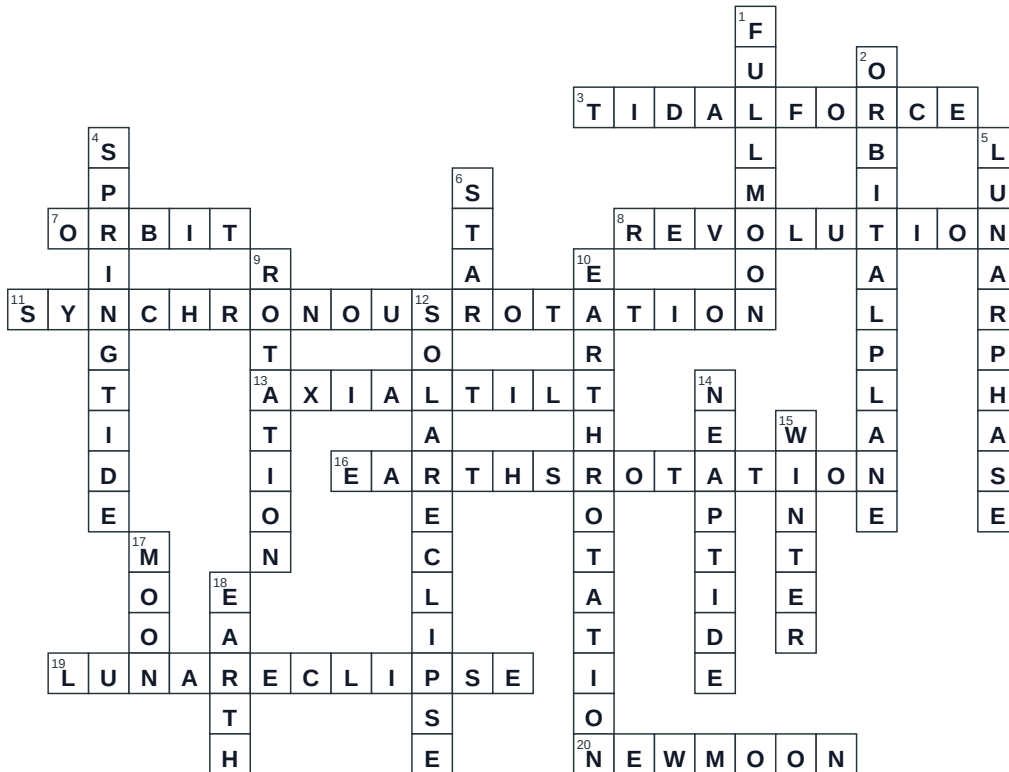
4. Tide with a large tidal range near new or full moon, when solar and lunar effects align.
5. Apparent shape of the Moon's sunlit portion as viewed from Earth.
6. Type of object is the Sun
9. Spin of an object around its axis.
10. Earth's spin around its axis, producing the daily cycle of day and night.
12. Event in which the Moon passes between Earth and the Sun and blocks some sunlight.
14. Tide with a small tidal range near first- or third-quarter moon
15. In June, the Northern Hemisphere is tilted toward the Sun. What season generally occurs in southern Australia
17. During a solar eclipse, which object lies between Earth and the Sun
18. During a lunar eclipse, which object lies between the Sun and the Moon

Earth Moon and Sun Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

- 3. Tidal force
- 7. Orbit
- 8. Revolution
- 11. Synchronous rotation
- 13. Axial tilt
- 16. Earth's Rotation
- 19. Lunar eclipse
- 20. New moon

DOWN

- 1. Full Moon

DOWN (continued)

- 2. Orbital plane
- 4. Spring tide
- 5. Lunar phase
- 6. Star
- 9. Rotation
- 10. Earth rotation
- 12. Solar eclipse
- 14. Neap Tide
- 15. Winter
- 17. Moon
- 18. Earth