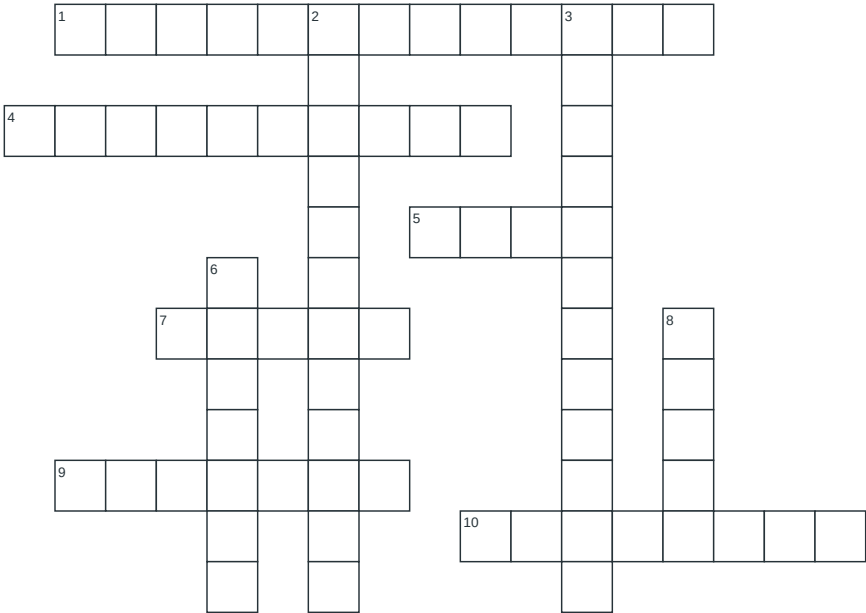


Solar System Crossword

Easy | 10 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 1. Process in which light atomic nuclei combine and release energy in stars.
- 4. Orbital motion of one object around another.
- 5. Type of object is the Sun
- 7. Path of an object as it moves around another object under gravity.
- 9. Planet that is largest in the solar system
- 10. Spin of an object around its axis.

DOWN

- 2. Region of many small rocky bodies located mainly between Mars and Jupiter.
- 3. Four rocky planets closest to the Sun: Mercury, Venus, Earth, and Mars
- 6. Force that keeps planets in their orbits around the Sun
- 8. Small solar-system body containing ice, dust, and rock that can form a tail near the Sun.

Solar System Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

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

1NUCLEA										2ARFUS					3ION						
										S						N					
4REVOLUT										I	O	N						N			
										E						E					
										R	5STAR					P					
										O						L	8C				
7ORBIT															A	O					
										A						N	M				
										V						E	E				
9JUPITER															10ROTATION						
										T						S					
										Y											
										L											
										T											

ACROSS

- 1. Nuclear fusion
- 4. Revolution
- 5. Star
- 7. Orbit
- 9. Jupiter
- 10. Rotation

DOWN

- 2. Asteroid belt
- 3. Inner Planets
- 6. Gravity
- 8. Comet

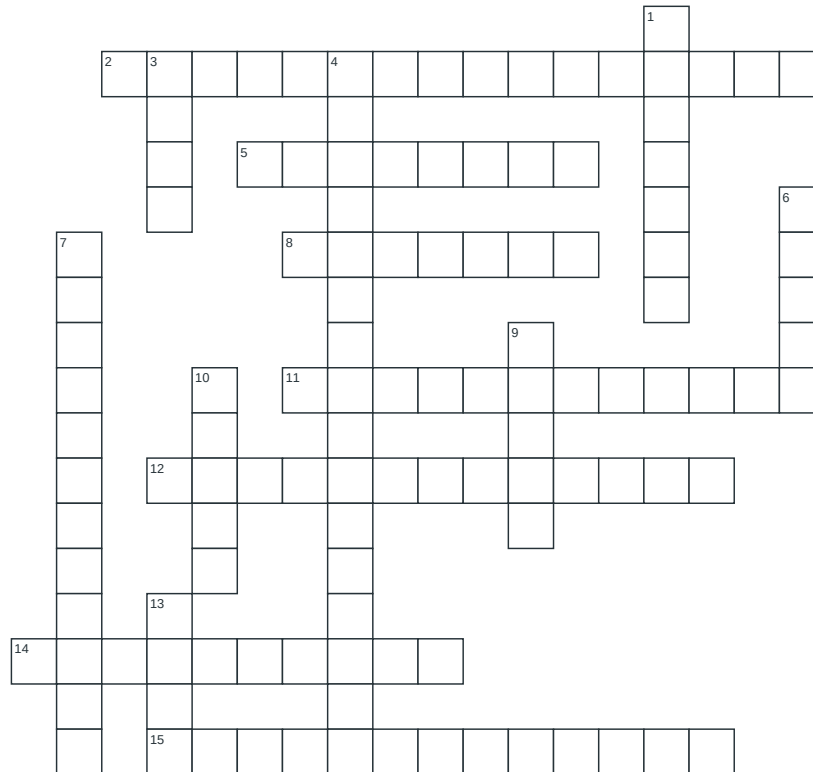
Solar System Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

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

**ACROSS**

2. Distance unit based approximately on the average distance between Earth and the Sun.
5. Spin of an object around its axis.
8. Force that keeps planets in their orbits around the Sun
11. Region of many small rocky bodies located mainly between Mars and Jupiter.
12. Time an orbiting object takes to complete one orbit.
14. Orbital motion of one object around another.
15. Process in which light atomic nuclei combine and release energy in stars.

DOWN

1. Planet that is largest in the solar system

DOWN (continued)

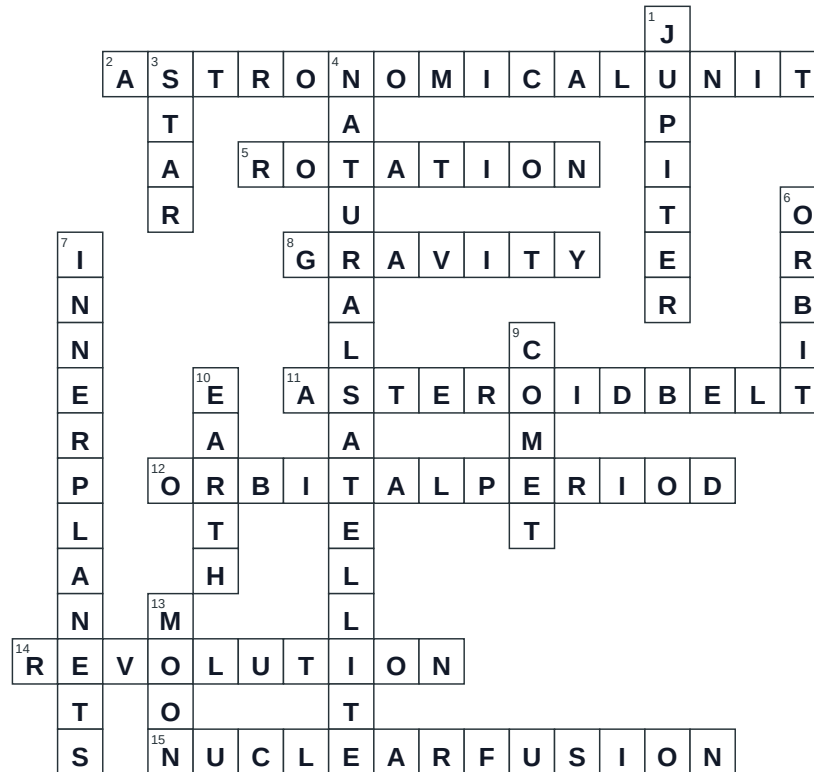
3. Type of object is the Sun
4. Naturally occurring object that orbits a planet or other larger body.
6. Path of an object as it moves around another object under gravity.
7. Four rocky planets closest to the Sun: Mercury, Venus, Earth, and Mars
9. Small solar-system body containing ice, dust, and rock that can form a tail near the Sun.
10. During a lunar eclipse, which object lies between the Sun and the Moon
13. During a solar eclipse, which object lies between Earth and the Sun

Solar System Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

2. Astronomical unit
5. Rotation
8. Gravity
11. Asteroid belt
12. Orbital period
14. Revolution
15. Nuclear fusion

DOWN

1. Jupiter
3. Star
4. Natural satellite
6. Orbit
7. Inner Planets
9. Comet
10. Earth
13. Moon

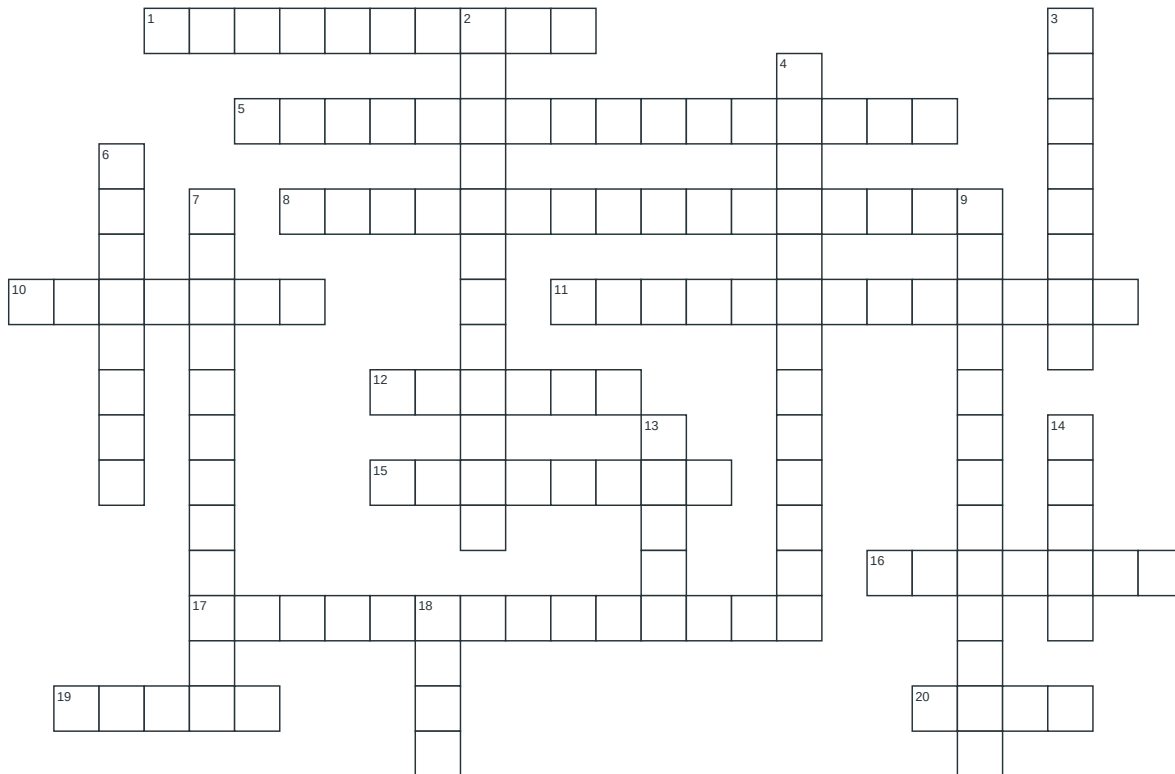
Solar System Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

1. Orbital motion of one object around another.
5. Distance unit based approximately on the average distance between Earth and the Sun.
8. Naturally occurring object that orbits a planet or other larger body.
10. Planet that is largest in the solar system
11. Time an orbiting object takes to complete one orbit.
12. In June, the Northern Hemisphere is tilted toward the Sun. What season generally occurs in southern Australia
15. Spin of an object around its axis.
16. Force that keeps planets in their orbits around the Sun
17. Causes the regular cycle of day and night on Earth
19. During a lunar eclipse, which object lies between the Sun and the Moon
20. During a solar eclipse, which object lies between Earth and the Sun

DOWN

2. Four rocky planets closest to the Sun: Mercury, Venus, Earth, and Mars
3. At which phase is the Moon's near side fully illuminated as viewed from Earth
4. Process in which light atomic nuclei combine and release energy in stars.
6. Tide with a small tidal range near first- or third-quarter moon.
7. Region of many small rocky bodies located mainly between Mars and Jupiter.
9. Earth's spin around its axis, producing the daily cycle of day and night.
13. Small solar-system body containing ice, dust, and rock that can form a tail near the Sun.
14. Path of an object as it moves around another object under gravity.
18. Type of object is the Sun

Solar System Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

1. Revolution
5. Astronomical unit
8. Natural satellite
10. Jupiter
11. Orbital period
12. Winter
15. Rotation
16. Gravity
17. Earth's Rotation
19. Earth
20. Moon

DOWN

2. Inner Planets
3. Full Moon
4. Nuclear fusion
6. Neap tide
7. Asteroid belt
9. Earth rotation
13. Comet
14. Orbit
18. Star