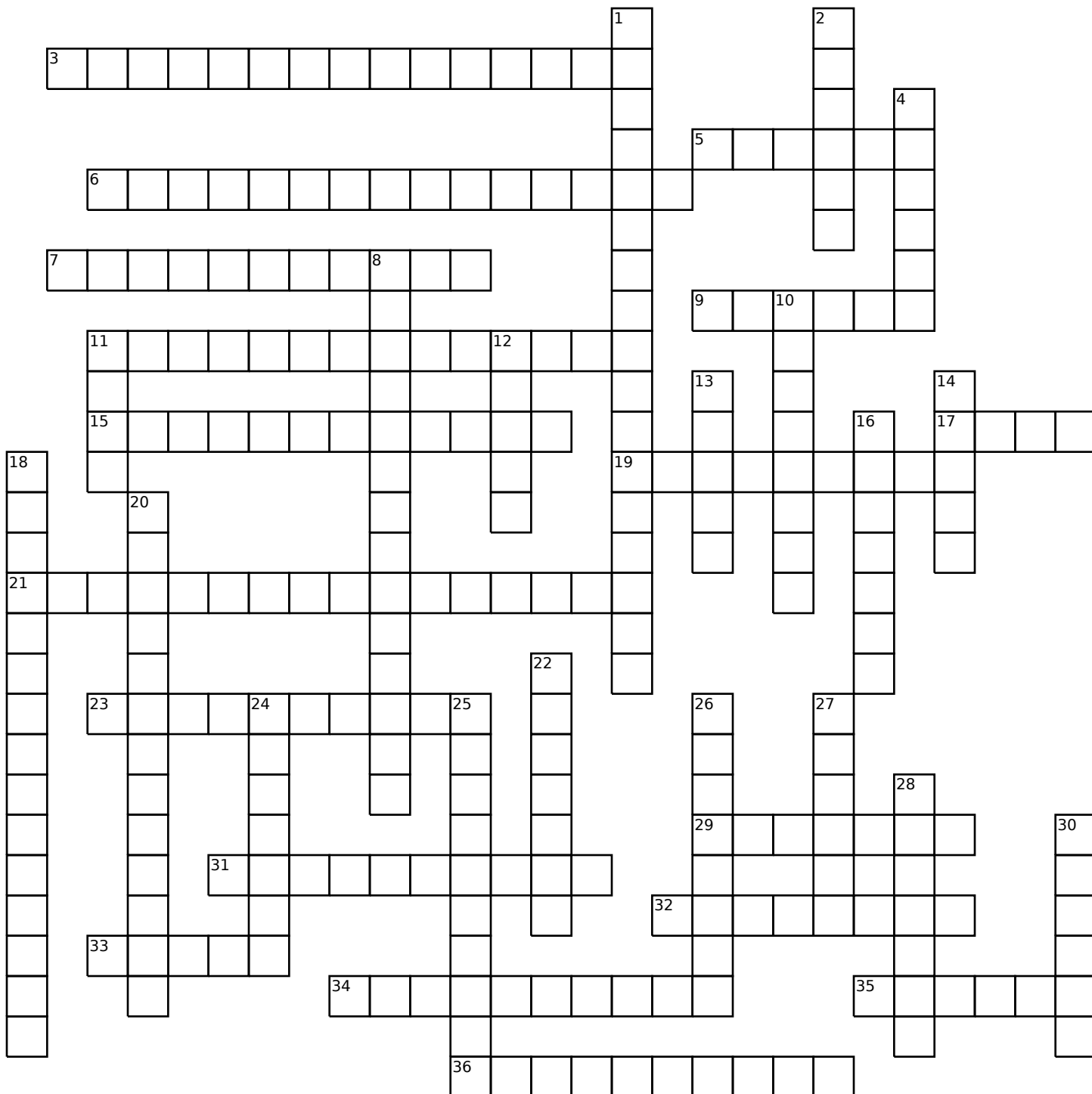


Earth's Motions



Across

- 3 It's ``only'' 4.3 light years away.
- 5 The season when Earth is closest to the sun.
- 6 The day in September when everywhere on Earth has 12 hours of day and 12 hours of night.
- 7 The sun and everything in orbit around it.
- 9 Used to describe distances between stars and galaxies.
- 11 The longest day of the year.
- 15 If you're here, the sun won't quite rise on the Winter Solstice, and it won't quite set on the Summer Solstice.
- 17 The Earth rotates on this imaginary line.
- 19 Used to describe distances between stars and galaxies.
- 21 Used to describe distances within the solar system.
- 23 The shape of planet and moon orbits.
- 29 Where solar energy is generally the most concentrated.
- 31 The closest point to the sun in Earth's orbit.
- 32 Our home galaxy.
- 33 Where the days and nights are 6 months long.
- 34 When one body orbits another.
- 35 One's Arctic and one's Antarctic, both are 23.5 degrees from a pole.
- 36 The closest point to the sun in Earth's orbit.

Down

- 1 The Local Group is part of this even larger group.
- 2 The season when the Earth is closest to the sun, which shows that distance is not the cause of the seasons.
- 4 There's one of Cancer and one of Capricorn.
- 8 On this circle, the sun is directly overhead on the Summer Solstice.
- 10 The cause of Earth's day/night cycle.
- 11 The sun is the closest one.
- 12 Earth's axis does this.
- 13 The number of planets orbiting the sun.
- 14 Made of rock and metal.
- 16 They are caused by the tilt of Earth's axis as it orbits the sun.
- 18 Found at 66.5 degrees south latitude.
- 20 The day in March when everywhere on Earth has 12 hours of day and 12 hours of night.
- 22 Where the sun's radiation is the most direct on Earth.
- 24 Large objects orbiting the sun.
- 25 The Milky Way and Andromeda part of this.
- 26 The farthest point from the sun in Earth's orbit.
- 27 A large group of stars.
- 28 Earth's axis always points toward this.
- 30 Large spherical object orbiting the sun.