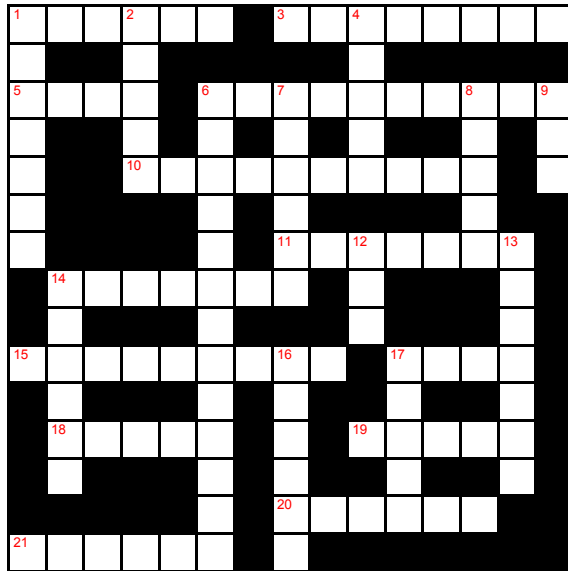


# Astronomy\_15x15\_2008-10-19

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## Across

- 1 A zodiacal constellation in the northern hemisphere between Taurus and Cancer on the ecliptic. (6)
- 3 Astronomical and mathematical encyclopaedia compiled about AD 140 by Ptolemy (Claudius Ptolemaeus of Alexandria). (8)
- 5 A small constellation in the northern hemisphere near Cygnus and Draco; contains the star Vega. (4)
- 6 Polish astronomer who produced a workable model of the solar system with the sun in the center (1473-1543). (10)
- 10 A constellation southeast of Orion; contains Sirius. (5,5)
- 11 Obscuring of one celestial body by another. (7)

- 14 A faint constellation in the northern hemisphere near Cassiopeia and the Pole Star. (7)
- 15 Early instrument for measuring the positions of the heavenly bodies (9)
- 17 The brightest star in the constellation Lyra. (4)
- 18 The (usually elliptical) path described by one celestial body in its revolution about another. (5)
- 19 A faint constellation twisting around the north celestial pole and lying between Ursa Major and Cepheus. (5)
- 20 The 4th largest of Jupiter's satellites; covered with a smooth shell of frozen water. (6)
- 21 A giant planet which is surrounded by three planar

concentric rings of ice particles; 6th planet from the sun. (6)

## Down

- 1 The first person to use a telescope in astronomy. (7)
- 2 First name of Newton, the British Scientist. (5)
- 4 A dark region of considerable extent on the surface of the moon. (5)
- 6 A configuration of stars as seen from the earth. (13)
- 7 A large faint zodiacal constellation; between Aquarius and Aries. (6)
- 8 The largest asteroid and the first discovered. (5)
- 9 A typical star that is the source of light and heat for the planets in the solar system. (3)
- 12 A zodiacal constellation in

northern hemisphere between Cancer and Virgo. (3)

- 13 An imaginary line around the Earth forming the great circle that is equidistant from the north and south poles. (7)
- 14 A multiple star with 6 components; second brightest in Gemini; close to Pollux. (6)
- 16 German mathematician and astronomer who made accurate measurements of stellar distances and who predicted the existence on an 8th planet (1784-1846). (6)
- 17 A large zodiacal constellation on the equator; between Leo and Libra. (5)