



**Across**

- 2 Was a planet, now a dwarf planet (5)
- 5 Ptolemy and \_\_\_\_\_ believed that the Earth was the center of the universe. (9)
- 6 Eighth planet from the sun (7)
- 8 A \_\_\_\_\_ crescent moon follows a new moon. (6)
- 10 The "red planet", 4th from the sun (4)
- 12 NASA's \_\_\_\_\_ missions sent men to the moon. (6)
- 13 Second planet from the sun (5)
- 16 Invented the telescope
- 17 The Earth completes one \_\_\_\_\_ around Sun every 365 and 1/4 days. (10)
- 18 Mercury, Venus, Earth, and Mars are considered \_\_\_\_\_ planets. (11)
- 20 The \_\_\_\_\_ of the moon are caused by its position relative to the Earth and sun. (6)
- 22 Ceres, Pluto and Eris are \_\_\_\_\_ planets. (5)
- 23 Seventh planet from the sun (6)

**Down**

- 1 Largest planet (7)
- 3 The sun is approximately 4.6 \_\_\_\_\_ years old. (7)
- 4 In the 15th century, this astronomer made a model of the universe with the Sun rather than the Earth in the center. (10)
- 7 Earth experiences seasons due to its axial \_\_\_\_\_. (4)
- 9 Jupiter, Saturn, Uranus, Neptune (3,6)
- 10 Smallest planet (7)
- 11 We now know that the \_\_\_\_\_ is the center of our solar system. (3)
- 14 Number of planet is our solar system (5)
- 15 The moon \_\_\_\_\_ around the Earth about once every month. (8)
- 19 Early scientists thought that this planet, the sixth from the sun, was the only planet with rings. (6)
- 21 Ancient astronomers believed that \_\_\_\_\_ was the center of the universe. (5)
- 24 A \_\_\_\_\_ moon is invisible from Earth. (3)