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| --- |
|  .Name: **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**1 \_\_\_\_ Earth Science 2 \_\_\_\_ Late \_\_ Date: \_\_ / \_\_ / \_\_\_ Period \_\_\_ Room \_\_\_ |

**Directions**:
1- Fill in words based on the words around them and their meanings.

2- Each word in the word bank will be used once.
3- Complete the organizer below.

Read About
RAE 066
Material from [NASA.gov](http://www.nasa.gov)

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**Organize Your Thoughts**

**Pluto**

Pluto was discovered in 1930 by an astronomer from the United States. An (1)\_\_\_\_\_\_\_\_\_\_ is a person who studies (2)\_\_\_\_\_\_\_\_\_\_ and other objects in space.

On average, Pluto is (3)\_\_\_\_\_\_\_\_\_\_ than 3.6 billion miles (5.8 billion kilometers) away from the sun. That is about 40 times as far from the sun as Earth. Pluto orbits the (4)\_\_\_\_\_\_\_\_\_\_ in an oval like a racetrack. Because of its oval orbit, Pluto is (5)\_\_\_\_\_\_\_\_\_\_ closer to the sun than at other times. At its closest point to the sun Pluto is still (6)\_\_\_\_\_\_\_\_\_\_ of miles away. Pluto is only 1,400 miles (2,300 kilometers) (7)\_\_\_\_\_\_\_\_\_\_. That's about half the (8)\_\_\_\_\_\_\_\_\_\_ of the United States. Pluto is slightly (9)\_\_\_\_\_\_\_\_\_\_ than Earth's moon. It takes Pluto 248 years to go around the sun. One (10)\_\_\_\_\_\_\_\_\_\_ on Pluto is about 6 1/2 days on Earth.

Pluto was (11)\_\_\_\_\_\_\_\_\_\_ by an 11-year-old girl from England. The dwarf planet has three (12)\_\_\_\_\_\_\_\_\_\_. Its largest moon is named Charon and is (13)\_\_\_\_\_\_\_\_\_\_ half the size of Pluto. Maybe you can name something too!

 Ref: http://scijinks.jpl.nasa.gov/blue-sky

**Word Bank**

about astronomer billions day

moons more named smaller

sometimes stars sun wide width