

Outer Planets Reading

1. Read pages 372 – 378 and complete blue numbers:

_____1. _____2. _____page 374 _____3. _____3. (another) _____4.



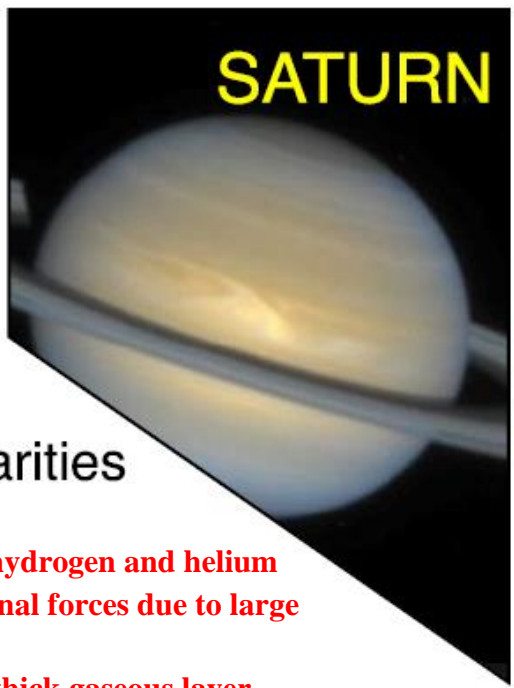
Then, view the following Brainpops on your iPads. When finished viewing the video, complete the quiz for each title. Write the correct answers' letters in the blanks below.

log-in name and password = hillcountryms

Question #	Jupiter	Saturn	Uranus	Neptune
1	A	C	A	A
2	D	B	D	B
3	B	A	A	D
4	C	C	B	C
5	B	D	C	C
6	C	D	B	B
7	D	C	D	D
8	A	A	A	A
9	B	B	D	A
10	A	A	C	C

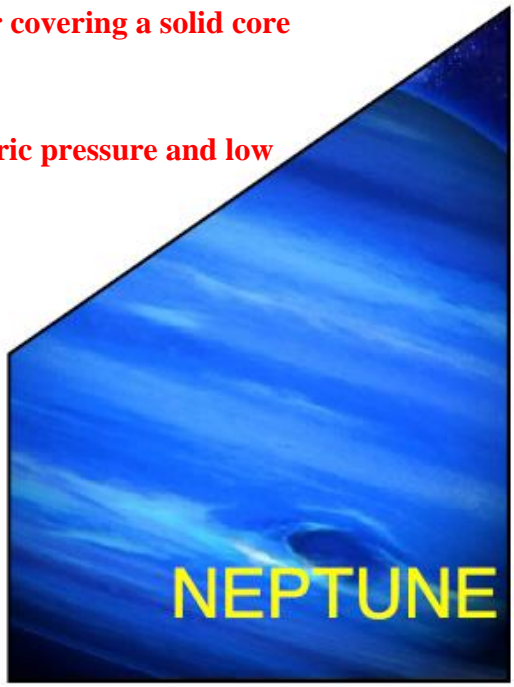
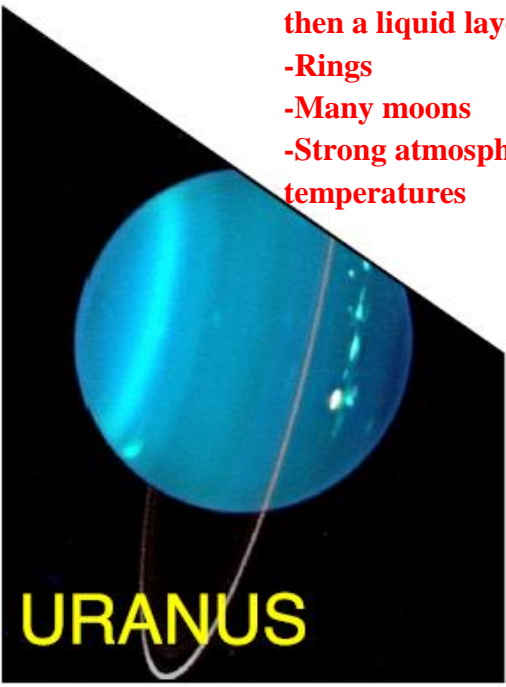
Write the similarities of the outer planets in the center section. In the margins, you should write characteristics that are unique only to that planet.

- 5th planet from sun
- Largest planet in our solar system
- Over twice the mass of all other planets combined
- Rotates fastest on its axis (shortest day)
- 12 year revolution
- Great Red Spot is a hurricane-like storm of swirling gases
- Galilean Moons



- 2nd largest planet
- Least dense- could float in water
- Largest ring system
- About a 30 year revolution
- 6th planet from the sun

- 3rd largest planet
- 7th planet from sun
- Methane in atmosphere gives it its blue color
- 98 degree tilted axis of rotation (rotates top to bottom)
- About an 84 year revolution



- 4th largest planet
- Farthest known planet from the sun
- Methane in atmosphere causes blue color
- About 165 years of revolution
- Big dark blue spot that is similar to a hurricane

Similarities

- Gas Giant
- Made mainly of hydrogen and helium
- Strong gravitational forces due to large masses
- Atmosphere is a thick gaseous layer, then a liquid layer covering a solid core
- Rings
- Many moons
- Strong atmospheric pressure and low temperatures