

Science 9
Test Review-Space

1. Complete pg 434 2a-i
2. Be able to define each of the following (in a matching question)

Universe	Axis	galaxy
Astronomy	Orbital period	Meteor
Astronomer	Constellations	Comet
Solar system	Probe	Rotation
Non-luminous	Satellite	Revolution
Star	Asteroids	Terrestrial planets
Planet	Asteroid belt	Gas giants
Meteorite	Meteoroid	orbit
milky way galaxy	Andromeda galaxy	black hole

3. Answer each of the following questions.
 - a. Put the planets in order starting with the sun and working outwards.
 - b. What are the two reasons we have seasons here on earth?
 - c. How long does it take the earth to make one revolution? rotation?
 - d. What are the major characteristics of the moon?
 - e. What is the scientific term for a shooting star?
 - f. What is the difference between natural satellites and artificial satellites?
 - g. What is a comet? How long does it take for Halley's Comet to make one revolution?
 - h. Briefly describe a probe? Why are probes sent to other planets and moons? Why are space probes usually unmanned?
 - i. Which planet is described as the "goldie-locks" planet? Explain why?
 - j. Describe the difference between a meteorite, meteor and a meteoroid.
 - k. Describe the difference between a star and a planet.
 - l. Explain why a constellation appears to change position from hour to hour during the night.
 - m. What are the major characteristics of the sun?
4. Probe Matching Part A: Given the following Probes match each of the probes to the statement given about it
 - a. Curiosity
 - b. Jupiter – Galileo
 - c. Mercury Mariner 10
 - d. Asteroid Belt –Dawn
 - e. Hubble Space Teloscope
 - f. Saturn- Cassini
 - g. Mercury Messenger
 - h. Jupiter Juno
 - I. First to use the gravitational pull of one planet (Venus) to reach another (Mercury)
 - II. Discovered the largest mountain in the solar system
 - III. This observatory provides deep and clear views of the Earth and the Universe
 - IV. The first to fly past an asteroid, discover the moon of an asteroid and measure Jupiter's Atmosphere
 - V. The most recent rover to land on Mars
 - VI. The first space craft to orbit Saturn
 - VII. The first spacecraft to orbit Mercury