

Date: _____

Name: _____

Class: _____

1  The Great Red Spot is most similar to:

- A An enormous hurricane
- B A tremendous blizzard
- C A gigantic tsunami
- D A medium-sized tornado

2 Jupiter's large mass is responsible for its:

- A Chemical composition
- B Many moons
- C Colorful clouds
- D Strong gravitational pull

3  How does Ganymede compare to Earth's moon?

- A It's smaller
- B It's larger
- C It's less dense
- D It's colder

4 If Jupiter is a "gas giant," why does it contain liquid?

- A The gas is formed by evaporating liquid
- B The low temperatures on Jupiter condense gas into liquid
- C High atmospheric pressure compresses gas into liquid
- D The liquid is a transitional phase between Jupiter's solid core and gaseous atmosphere

5  What do the Pioneer, Voyager, and Galileo missions have in common?

- A They all landed on Jupiter
- B They are all unmanned probes
- C They were all launched during the 1990s
- D They all landed on Jupiter's moons

6 In the movie, Tim says that Jupiter spins very rapidly on its axis. What does this mean?

- A The length of a year on Jupiter is long
- B The length of a year on Jupiter is short
- C The length of a day on Jupiter is short
- D The length of a day on Jupiter is long

7 Which term best describes the surface of Jupiter?

- A Icy
- B Rocky
- C Gaseous
- D Liquid

8 Which element can be found in abundance on Jupiter?

- A Hydrogen
- B Carbon
- C Iron
- D Sodium

9 From the information presented in the movie, what can you infer about Jupiter?

- A It is older than the other planets in the solar system
- B You usually don't need a telescope to see it in the night sky
- C Humans may be able to live on Jupiter someday
- D Its large storms make its orbit unstable

10 Which of the following statements is true?

- A Jupiter radiates more energy than it receives
- B Gravity on Jupiter is less than gravity on Earth
- C Jupiter has a weak magnetic field
- D Jupiter is almost twice the size of the sun