

Date: _____

Name: _____

Class: _____





1 Up close, Saturn's rings appear:

- A** Solid
- B** Smooth
- C** Grainy
- D** Black

2 In the movie, Tim says that Saturn's rings refract light to produce colors. What does this mean?

- A** They emit light
- B** They bend and reflect light
- C** They absorb all light
- D** They block light

3 When they're viewed together through a telescope, Saturn's rings are closest in shape to:

- A** 
- B** 
- C** 
- D** 

4  Which band of Saturn's rings was discovered first?

- A** G
- B** F
- C** A
- D** B

5 Why do some scientists believe that Saturn's moon Titan could support life?

- A** It is very warm
- B** It has volcanoes on its surface
- C** It has a short orbital period
- D** It has a significant atmosphere

6 If you wanted to find rocky material on Saturn, where would you look?

- A** On its surface
- B** In its atmosphere
- C** In its outer core
- D** In its inner core

7 Which of the following statements is true?

- A** Saturn is much more dense than Earth
- B** Saturn has approximately 20 moons
- C** Saturn is much more massive than Earth
- D** Saturn is the seventh planet from the sun

8 Where would you find one of Saturn's "shepherd moons"?

- A** Inside the rings
- B** Between the rings and the planet's surface
- C** Outside the rings
- D** Halfway between Saturn and Jupiter

9 The surface of Saturn is:

- A** Solid
- B** Gaseous
- C** Icy
- D** Liquid

10 Which element can be found in abundance on Saturn?

- A** Hydrogen
- B** Carbon
- C** Oxygen
- D** Nitrogen