


Please Note: It is recommended that you save your response as you complete each question.


Question 1

(1 point)  **Save**

Astronomy is

- a fascinating journey of discovery that finds new mysteries every year
- my favorite class
- a study of the stuff in the universe
- a study of the laws governing the universe


Question 2

(1 point)  **Save**

The fraction of the volume of the solar system (defined as a sphere with the radius of Neptune's orbit) taken up by Jupiter is

- 3×10^{-14}
- 4×10^{-15}
- 1.6×10^{-5}
- 3×10^{-5}

Question 3

(1 point)  **Save**

Scientific hypotheses are always


- Falsifiable
- More certain than religious assertions
- True
- More reliable if believed by many scientists

Question 4

(1 point)  **Save**


Which is NOT an important part of the scientific method

- Elimination of hypotheses inconsistent with new observations
- Invention of hypotheses to explain the observations
- Acceptance of statements from scientific authorities as true
- Observations which are repeatable by others

Question 5(1 point)  **Save**


Put the following in increasing order of distance from Earth

- | | | |
|----------------------|------------------|----------------|
| <input type="text"/> | The Moon | 1. Closest |
| <input type="text"/> | Andromeda galaxy | 2. 2nd closest |
| <input type="text"/> | Proxima Centauri | 3. 3rd closest |
| <input type="text"/> | Eris | 4. Farthest |

Question 6(1 point)  **Save**


An astronomical unit (A.U.) is the distance between:

- the Earth and the Moon
- the Sun and the nearest star
- the Earth and Venus
- the Sun and the Earth

Question 7(1 point)  **Save**

Which of the following lengths is the longest?

- 10^5 nanometers
- 10^{10} centimeters
- 10^1 meters
- 10^{-15} AU

Question 8(1 point)  **Save**

The ratio of the size of the observable universe to the size of a proton is about

- 10^{-40}
 - 10^{-25}
 - 10^{40}
 - 10^{25}
-

Save All Responses

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