

Questions on the Basic Astronomy Presentation

Answer the following questions during the presentation on Basic Astronomy.

1. What is the Sun mostly made of? (slide 2)
2. How long in total do we expect that the Sun will last? (slide 2)
3. How many planets are there in the solar system? (slide 3)
4. Which planet appears to be about the same size as the Earth? (slide 3)
5. How many Mercury days are there in a Mercury year? (slide 4)
6. Is Mercury nearer to the Sun or the Earth? (slide 4)
7. Why is Venus so bright in the sky? (slide 5)
8. Which is hotter, Mercury or Venus? (slide 5)
9. What is odd about a day on Venus compared to a Venusian year? (slide 5)
10. Name two parts of the world that are brightly lit up at night (slide 6)
11. What is a meteorite? (slide 7)
12. How do craters form on the Moon? (slide 8)
13. Why does the Moon only show one side to us? (slide 9)
14. If the atmospheric pressure on Earth is 10^5 Pa , what is the pressure on Mars? (slide 10)
15. How deep is Valles Marineris compared to the Grand Canyon? (slide 12)
16. What is the Great Red Spot? (slide 13)
17. What is the density of Jupiter compared to Earth (the volume of a sphere $\propto \text{diameter}^3$)? (slide 13)
18. Would Saturn float in a large enough bath tub? (slide 14)
19. What is odd about the rotation of Uranus? (slide 15)
20. Which planet is the last of the gas giants? (slide 16)
21. What is the name of Pluto's major Moon? (slide 17)
22. How far away is Andromeda? (slide 19)
23. How big is the patch of sky in the Ultra Deep Field? (slide 20)