

Video 14 on **Venus** by Crash Course Astronomy

22 Questions



1. In Roman mythology, Venus is the goddess of ____
 - a. love and beauty
 - b. poetry and music
 - c. fertility and healing
 - d. dawn and childbirth



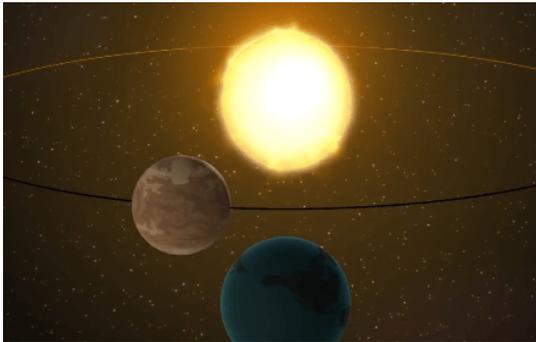
2. Venus is the ____ planet from the Sun
 - a. first
 - b. second
 - c. third
 - d. fourth



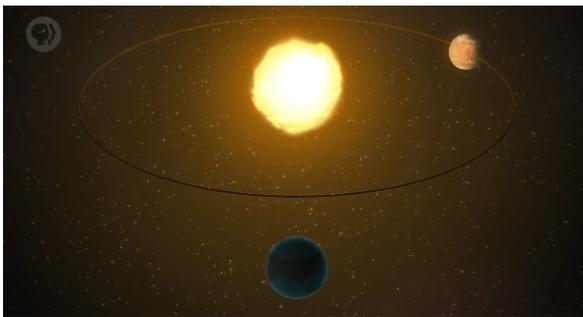
3. Venus is the ____ brightest natural object in the sky
 - a. fifth
 - b. second
 - c. third
 - d. fourth



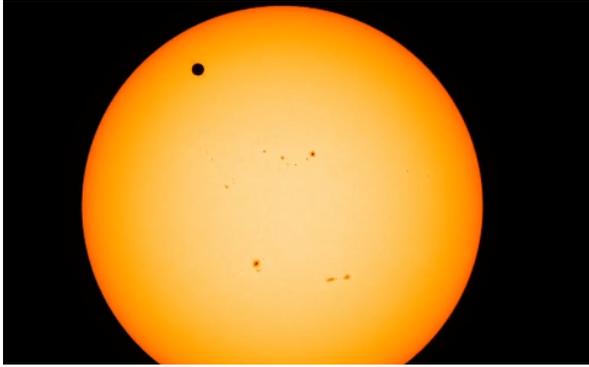
4. From our perspective, Venus never gets far from the Sun; at best it can reach about _____ away
- a. 5°
 - b. 25°
 - c. 45°
 - d. 65°



5. Through a telescope, Venus can be seen to undergo _____ just like the Moon and Mercury do
- a. phases
 - b. precessions
 - c. perterbations
 - d. inversions



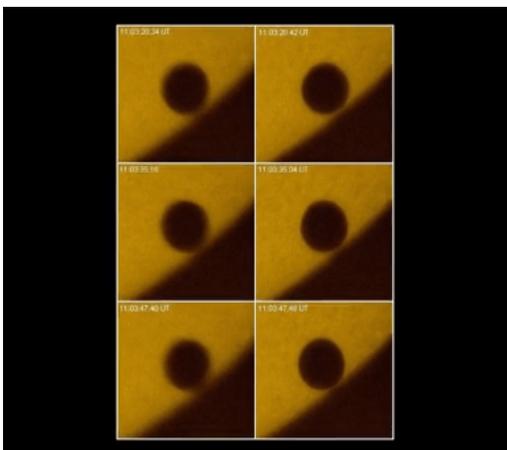
6. Venus appears brightest to us when it's _____
- a. close, in a thin crescent
 - b. close, in a full phase
 - c. far away, in a full phase
 - d. far away, in a thin crescent



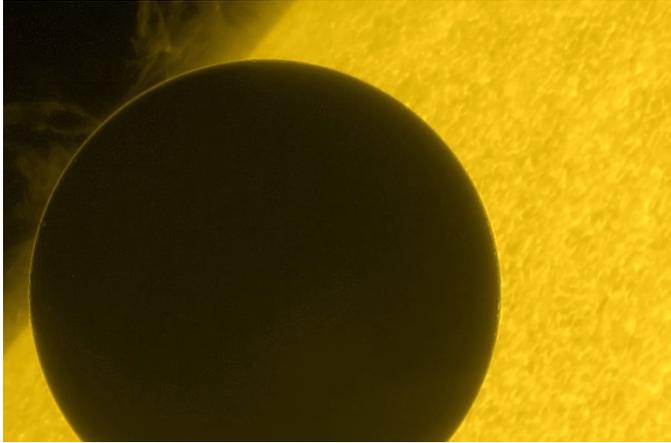
7. What is it called when Venus passes directly across the Sun's face?
- a. a passage
 - b. a transit
 - c. a crossing
 - d. a portage



8. During a solar eclipse by Venus, what percent of the Sun is blocked?
- a. a tenth of a percent
 - b. one percent
 - c. ten percent
 - d. twenty percent



9. Transits of Venus across the Sun happen in pairs, separated by _____ years
- a. two
 - b. eight
 - c. eighteen
 - d. eighty



10. Transits of Venus across the Sun happen in pairs, then don't happen again for over _____
- a. eight years
 - b. a decade
 - c. eighty years
 - d. a century



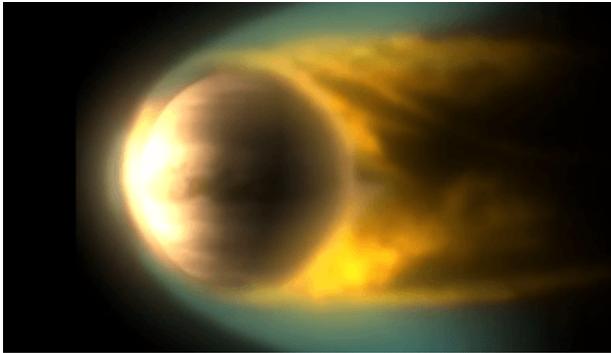
11. Venus is highly reflective of the Sun's light, due to it's _____
- a. thick cloud layer
 - b. thin cloud layer
 - c. white dust surface
 - d. volcanic activity



12. How does Venus compare, in size and mass, to the Earth?
- a. Venus is a lot smaller
 - b. Venus is slightly smaller
 - c. Venus is slightly bigger
 - d. Venus is a lot bigger



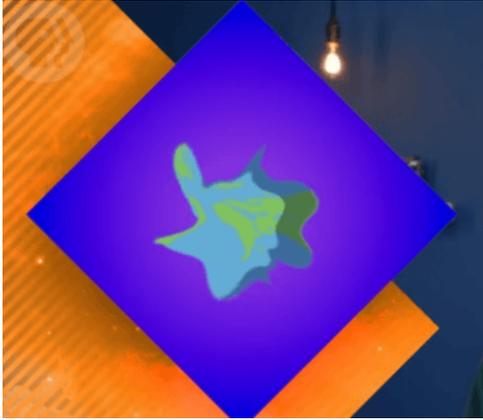
13. Venus orbits at _____ of the Earth-Sun distance
- a. 1/2
 - b. 2/3
 - c. 3/4
 - d. 4/5



14. The surface temperature of Venus is 460° Celsius which is hot enough to melt _____
- a. copper
 - b. iron
 - c. lead
 - d. gold



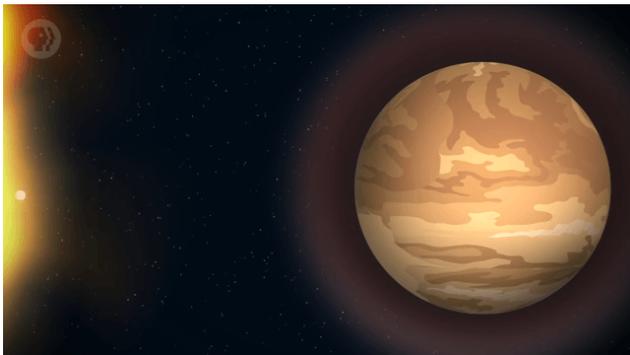
15. The atmosphere on Venus is almost entirely composed of _____
- a. nitrogen
 - b. carbon dioxide
 - c. oxygen
 - d. carbon monoxide



16. The atmospheric pressure on Venus is _____ times that of Earth's
- a. 9
 - b. 30
 - c. 90
 - d. 300



17. The rain on Venus is composed of _____
- a. ammonia
 - b. molten metal
 - c. sulfuric acid
 - d. liquid nitrogen

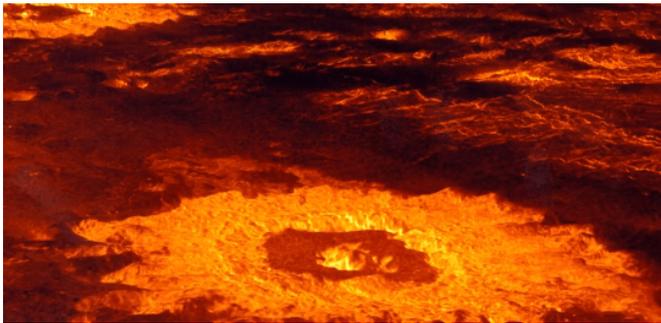


18. Due to the slow rotation rate, one day on Venus is about _____ Earth days
- a. 2
 - b. 24
 - c. 243
 - d. 2430



19. How many moons does Venus have?

- a. none
- b. one
- c. two
- d. three



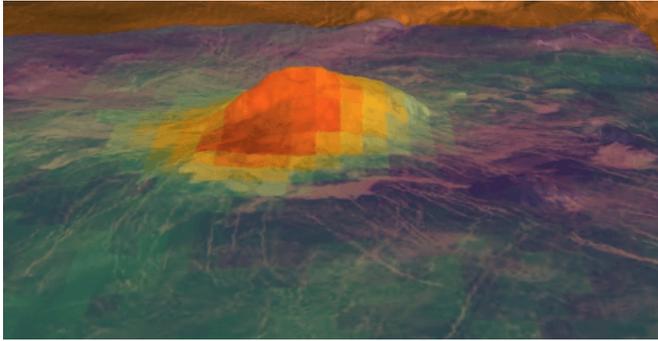
20. How many of the volcanoes on Venus are bigger than 100 kilometers in diameter?

- a. 16
- b. 87
- c. 167
- d. 453



21. Slow bubbling leaks of lava from the interior of Venus can create surface features called _____

- a. hotcake tops
- b. flapjack arches
- c. pancake domes
- d. waffle houses



- 22. Surface features on Venus are all named after _____**
- a. men or gods**
 - b. women or goddesses**
 - c. artists or playwrights**
 - d. rocks or minerals**