
Exercise H2: Great Explorations in the Solar System

Student name: _____ Class: _____ Date: _____

Check the box with the correct answer.

Question 1: What advantage does a robotic craft have over a manned mission?

- a. It can reach the planets faster.
- b. It does not have to be returned to Earth.
- c. It can take more and better pictures.
- d. It does not have to carry any propellant once it's launched.

Question 2: How far is Voyager from the Earth at this point? Hint: Use the Angular Separation Tool.

- a. 4.5 AU
- b. 5.4 AU
- c. 0.99 AU
- d. 1.5 AU

Question 3: How does this Cassini view differ from views the Hubble Space telescope can see?

- a. It shows that the rings are transparent.
- b. It shows that there are more than 2 rings.
- c. It shows the night side of Saturn.
- d. It shows the shadow of the planet on the rings.

Question 4: What was the average speed of the Huygens lander during this 10-minute interval?

- a. 353 km/s
- b. 5.9 km/s
- c. 3500 m/s
- d. 5.9 m/s