What is Bode's Law?

A. A gravitational law

B. An estimate of the distance from Mars to Jupiter

C. A forecast of the number of asteroids

D. A pattern in the planets' spacing

Why does the professor explain Bode's Law to the class?

A. To describe the size of asteroids

B. To explain how the asteroid belt was discovered

C. To show how gravitational forces affect the planets

D. To talk about how telescopes changed astronomy

How does the professor introduce Bode's Law?

A. By showing the mathematical derivation

B. By talking about the discovery of Uranus

C. By pointing out the inaccuracy in a pattern

D. By listing the names of several asteroids

According to the professor, what two factors helped discover the asteroid Ceres? Choose 2 answers.

A. Better telescopes

B. Progress in mathematics

C. Finding a new star

D. Uranus fitting a pattern

What does the professor suggest about the asteroid belt?

A. It is beyond Uranus in distance from the Sun

B. Bode thought it consisted of small stars

C. It is found where a planet was expected

D. Ceres is the only asteroid visible without a telescope

Why does the professor say this?

A. To present a different use of Bode's Law

B. To show something Bode's Law cannot explain

C. To explain the limits of gravitational theory

D. To compare Bode's Law to a true scientific law

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