

Discussion Questions

Black Holes and Telescopes

1. What year did Chandrasekhar move to England?
2. How many universities did Chandrasekhar work for?
3. How did the conflict with Eddington affect Chandrasekhar's career? What sparked the conflict?
4. Who coined the term "black holes"? When did this happen?
5. What company published the first article about black holes?
6. When was the Chandra X-Ray Telescope launched?
7. What are the main uses of the Chandra X-Ray Telescope?
8. What is the mass limit of a White Dwarf? What is the mass limit of a Black Hole?
9. How does the Chandra X-Ray Telescope detect black holes?
10. How often do Supernova occur?
11. When was the first picture of a black hole taken? With what type of telescope was it taken with?
12. What elements are created in a Supernova?

13. How long was Chandrasekhar working at Yerkes Observatory?

14. Why are scientists interested in studying young stars?

15. Why do we have to use satellites to observe the X-Rays from space?