Name _____

Black Holes: Cosmic Mysteries Unveiled

Open-Ended Response Questions

1. Discuss the significance of black holes in the study of astrophysics and our understanding of the universe.

2. Imagine you are an astronaut on a mission to study a black hole from a safe distance. What precautions and equipment would you need, and what scientific objectives would you aim to achieve?

3. Black holes are often described as "invisible" objects. How is it possible to detect and study black holes if they do not emit light?

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