

Name \_\_\_\_\_

## Exploring the Mysteries of Black Holes

### Short Answer

1. Describe the formation process of a black hole, starting from the end of a massive star's life.
2. Explain what the event horizon of a black hole is and why it is significant.
3. Name and briefly describe the three main types of black holes.
4. What is the singularity inside a black hole, and why is it challenging to study?
5. How do black holes influence the structure and behavior of galaxies?

