

Instructions

As you explore the movie *Interstellar*, consider its scientific concepts and themes. Answer the following questions thoughtfully, relating them to what you've seen and learned.

1. What are black holes, and how are they portrayed in the movie?

2. How does the movie depict time dilation? What effect does this have on the characters?

3. Write about the importance of gravity in the story. What role does it play in the mission to save humanity?

4. What are wormholes, and how are they used in the movie? Do scientists believe wormholes could exist?

5. What does the movie suggest about the survival of humanity? What message do you think it conveys about space exploration?

6. How does the robot TARS contribute to the plot? What does this say about the role of artificial intelligence in space exploration?

7. What are your thoughts on the ending? How does it tie together the themes of science, love, and hope?

8. Can you think of any real-world scientific concepts or technologies featured in the movie? How accurate are they?