

Name _____

Before and After: Aftershocks and Foreshocks of Earthquakes

Open-Ended Response Questions

1. Research and discuss a historical earthquake event that had foreshocks and aftershocks. Include details about the event, its mainshock, foreshocks, and aftershocks, and any impacts on the affected area.
2. Explain why some earthquakes come with foreshocks while others do not. What are scientists doing to improve our understanding of foreshocks and their predictability?
3. Discuss the importance of monitoring aftershocks after a significant earthquake. How can this information benefit communities in terms of recovery and safety measures?
4. Reflect on the challenges and uncertainties involved in predicting earthquakes. What steps can individuals, communities, and governments take to prepare for earthquakes, given these uncertainties?

