

Name _____

Hedy Lamarr: The Hollywood Star Who Pioneered Wireless Communication

Open-Ended Response Questions

1. Hedy Lamarr is often celebrated as a pioneer in wireless communication. Explain her contributions to technology and how her invention of frequency hopping spread spectrum technology paved the way for modern wireless technologies like Wi-Fi and Bluetooth.
2. Hedy Lamarr's journey from Hollywood actress to inventor is a remarkable story of passion and innovation. Discuss the challenges she faced in being recognized for her technological contributions during her acting career.
3. The invention of frequency hopping spread spectrum technology had significant military applications during World War II. Explain how this technology improved the security and effectiveness of communication in wartime.
4. Hedy Lamarr's legacy continues to influence the world of technology. How does her story inspire future generations to pursue their passions and contribute to innovation and invention?

