

Name \_\_\_\_\_

## Hedy Lamarr: The Hollywood Star Who Pioneered Wireless Communication

### Short Answer

1. Describe Hedy Lamarr's early life and how she became involved in the world of acting.
2. Explain the concept of frequency hopping spread spectrum technology and its significance in wireless communication.
3. What motivated Hedy Lamarr to collaborate with George Antheil on the invention of frequency hopping spread spectrum technology?
4. How did the U.S. Navy initially react to Hedy Lamarr and George Antheil's invention, and what changed their perspective?
5. Discuss the impact of Hedy Lamarr's invention on modern wireless technologies.

