

Name _____

The Sparkling Secrets of Electric Vehicle Battery Degradation

Short Answer Key

1. (Answers may vary) Reduced range, slower charging, loss of power, increased heat.
2. Charging time increases for a degraded electric vehicle battery.
3. Extreme temperatures can harm the battery; high temperatures accelerate degradation, while cold temperatures slow down chemical reactions.
4. Overusing or overcharging can accelerate battery degradation, reducing its lifespan.
5. Advancements in battery technology include better materials, improved thermal management, and research into solid-state batteries.

