

Name \_\_\_\_\_

## Decoding Electric Vehicles: Battery Electric vs. Plug-In Hybrid

### Open-Ended Response Questions

1. Imagine you're planning a road trip from your hometown to a national park located 300 miles away. Discuss whether you would choose a BEV or a PHEV for this journey, considering factors like charging infrastructure, range, and environmental impact.
2. Explain the concept of regenerative braking in the context of PHEVs. How does regenerative braking contribute to the overall efficiency and environmental benefits of PHEVs?
3. Share your thoughts on the future of electric vehicles (EVs) and how they might evolve to meet the needs of a diverse range of drivers. What technological advancements or infrastructure improvements would you like to see in the coming years?

