

Name _____

Powering the World: How Heat Engines Drive Progress

Open-Ended Response Questions

1. Think about a car engine. Describe how it goes through the four main stages of the heat engine cycle and how each stage contributes to the engine's overall operation.
2. Explore the historical significance of steam engines during the Industrial Revolution. How did they transform industries and transportation?
3. Imagine a future where all vehicles are powered by highly efficient and environmentally friendly engines. How might this impact our daily lives and the environment?
4. Consider the challenges of reducing greenhouse gas emissions from internal combustion engines. What innovative solutions could help mitigate their environmental impact?

