

Name \_\_\_\_\_

## Mastering Metal: The Exciting World of Machinists

### Open-Ended Response Questions

1. Imagine you are a Machinist working on a project to create custom parts for a new sports car. What challenges and responsibilities might you encounter during this project?
2. Explain why precision machining is essential in industries like aerospace and automotive, where safety and performance are critical.
3. If a Machinist encounters a measurement deviation during work, how might they troubleshoot and resolve the issue? Provide some possible steps they could take.
4. How do you think the role of a Machinist has evolved with advancements in technology, such as the use of CNC machines and computer-aided design (CAD) software?

