

Name \_\_\_\_\_

## Crafting Precision: The World of CNC Operators

### Open-Ended Response Answer Key

1. Answers will vary but may include differences in materials used, complexity of parts, and quality control standards.
2. CNC machining has a significant impact on healthcare by enabling the production of precise components for medical equipment, devices, and implants, ensuring accuracy and safety in patient care.
3. To address tool breakage, a CNC Operator might stop the machine, replace the broken tool, recalibrate if necessary, and then continue the production run while monitoring for any further issues.
4. Advancements in CNC technology enhance efficiency and capabilities by allowing for more complex and precise machining, reducing production times, and providing real-time data for process optimization.

