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| **NAME:** | **CLASS PERIOD:** | **DATE:** |

**Foundations of Technology**

**Unit 1. Technological Inventions and Innovations**

**Learning Cycle 3. The Role of Research and Development: A Problem-Solving Approach**

**File 1.3.1 Pretest/Posttest**

**Directions:** Respond to each writing prompt to the best of your ability.

1. Describe how research and development influence design. Cite specific examples of how research and development influence design problems that are not presented in a clearly defined form.

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1. Describe how research and development influence design. Cite specific examples of how research and development have influenced the design of **your** product.

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