

Name:

Date:

Class:

The Power in Prosthetics - Exit Ticket

Directions: Use the descriptions in the box to label each statement. Write the descriptions on the line of each statement.

Engineering Design Process Descriptions

- Create (Build a Prototype)
- Research the Problem
- Improve (Redesign as needed)
- Ask (Identify the Needs and Constraints)
- Plan (Select a Promising Solution)
- Test and Evaluate
- Imagine (Develop Possible Solutions)

1. This step of the engineering design process involves drawing new designs and making your prototype the best it can be: _____
2. This step involves engineers asking questions about what they want to create and a problem to solve: _____
3. This part of the process involves whether the prototype worked or if it solved the problem: _____
4. This step may involve talking to people from different backgrounds to help with identifying solutions that may already exist: _____
5. This part of the process involves building your prototype: _____
6. This step of the process may include working with a team to think of ideas and possible solutions: _____
7. This step may involve revisiting needs, constraints, and research from previous steps, comparing your best ideas, and choosing one answer: _____