

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

## Engineering Design Process Test

1. What is the engineering design process?

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2. Why is it important to use the engineering design process for solving problems?

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3. Place the steps of the engineering design process in order.

- Choose the best solution
- Do background research
- Do development work
- Brainstorm solutions
- Test and redesign
- Identify the need (define the problem)
- Communicate the results
- Specify requirements
- Build a prototype

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_