Engineering Design Process Worksheet

1. **Ask**: What is the problem?
   __________________________________
   __________________________________
   __________________________________
   __________________________________

2. **Research**: How did you research this topic?
   ______________________
   ________________

3. **Imagine**: Brainstorm ideas for solutions.

4. **Plan**: Draw a diagram. What materials will I need?

   **Design:**

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www.teachengineering.org
5. Create: Build my prototype.

6. Test: Evaluate my pedometer by comparing it to another step counter app. Record results here:
   - My pedometer: ______ steps
   - App pedometer: ______ steps
   - Are there any differences? Why?
     ___________________________________________________
     ___________________________________________________

7. Improve: How can I improve my prototype?
   ___________________________________________________
   ___________________________________________________

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