

# Engineering Design: Problem Definition

Section 4, Session 1

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Challenge I Chose:**

\_\_\_\_\_

## **THE PROBLEM:**

What problem am I trying to solve?

\_\_\_\_\_

\_\_\_\_\_

## **CRITERIA (What my solution MUST do):**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

## **CONSTRAINTS (Limitations):**

Materials I can use: \_\_\_\_\_

Time limit: \_\_\_\_\_

Size requirements: \_\_\_\_\_

Other limits: \_\_\_\_\_

## **MY QUESTIONS:**

*What do I need to know to solve this problem?*

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_