

NAME: \_\_\_\_\_

## **Pressure Experiment**

### Pre-Evaluation

1. Pressure is
  - a.) force
  - b.) electric current
  - c.) force over area
  - d.) area over force
  
2. Which type of shoe will exert a greater pressure on the floor?
  - a.) sneakers
  - b.) high heels
  - c.) sandals
  - d.) boots
  
3. What does pressure depend on?
  - a.) force only
  - b.) area and speed
  - c.) force and area
  - d.) mass and acceleration
  
4. To increase pressure, I should
  - a.) decrease area
  - b.) increase area
  - c.) increase density
  - d.) increase temperature
  
5. Engineering is fun
  - a.) true
  - b.) false