

**1. Title of Experiment**

**2. Hypothesis** (Which column shape do you think will hold the most weight - a circle, triangle, or square?)

**3. Draw a Picture of your Design** (Sketch a design of how you will make your columns.)

**4. Data Collection/Observations** (Draw what your 3 columns look like when finished.)



**5. Results** (Make a tally mark for each book that your column holds - repeat for each column.)



**6. Analysis/Answer Questions**

Which column held the most books? How did your results compare to your hypothesis?

When you walk around a city and see columns holding up buildings, which of the 3 shapes do you usually notice? How do your results from this experiment support this?