Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Standard 73.1

**I CAN** design a good controlled scientific investigation.

Period \_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**MEASURING LEAVES IN CM AND MM**



This is the metric side of the ruler.

This is 1 cm which = 10 mm

Measure 10 leaves in cm. THEN convert cm to mm.



Measure the leaf from the tip to the base of the leaf (NOT the end of the stem).

This leaf measures:

3.4 cm

34 mm



 **cm mm**

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

The range is \_\_\_\_\_\_\_\_\_\_ mm

\_\_\_\_\_\_\_\_\_\_\_minus \_\_\_\_\_\_\_\_\_\_\_\_ mm = range.

longest - shortest = range

(Subtract the shortest leaf mm from the longest leaf mm.)

The Mean (average) leaf length is \_\_\_\_\_\_\_\_\_\_\_\_mm.

(Take the total length of leaves mm and divide

 by the number of leaves.)

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

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

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

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

**6. \_\_\_\_\_ \_\_\_\_\_**

**7. \_\_\_\_\_ \_\_\_\_\_**

**8. \_\_\_\_\_ \_\_\_\_\_**

**9. \_\_\_\_\_ \_\_\_\_\_**

**10. \_\_\_\_\_ \_\_\_\_\_**

 **\_\_\_\_\_ TOTAL**