**Lesson #3: IMPERIAL MEASUREMENT**

2.54cm = 1" (1in)

12" = 1' (1ft)

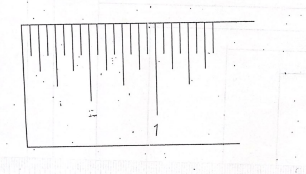
~30cm = 1ft

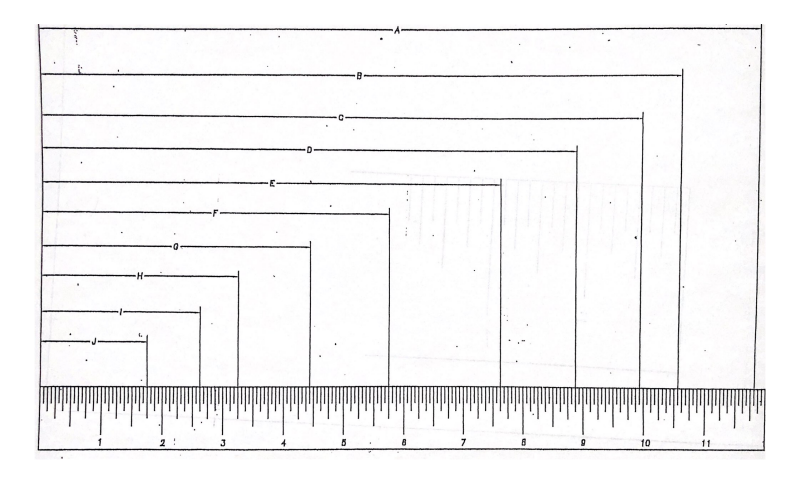
1ft = 3 yards

1760 yards = 1 mile

This could go on forever….

**LET'S BREAK DOWN AN INCH: LABEL ALL THE INCREMENTS IN THIS INCH.**

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**USING THE RULER PROVIDED, MEASURE EACH OF THE FOLLOWING DISTANCES:**

**YOU MAY HAVE TO PRINT THIS OUR TO READ IT BETTER.**

**A:**

**B:**

**C:**

**D:**

**E:**

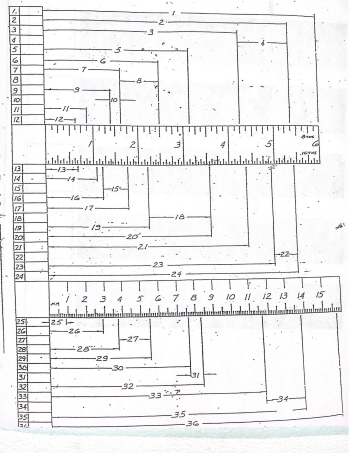
**F:**

**G:**

**H:**

**I:**

**J:**

**MEASURE THESE LINES: #1-24 IN INCHES AND #25-36 IN MM. REMEMBER TO SIMPLIFY.**

**MEASURING AT HOME ASSIGNMENT**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Measure these things around your house to the nearest 1/16" of an inch. Use a tape measure!!!!

1. Your height: (this is easy with your back against the wall. Maybe with someone assisting you)
2. The height of your kitchen cabinets:
3. The space between kitchen cabinets that accommodates your oven/stove:
4. The width of the door to your bedroom (interior door):
5. The width of the EXTERIOR front door to your house:
6. Is the width of the interior door and exterior the same? Explain why you think why or why not:
7. The length of a bathtub in your house:
8. The height of your cabinets in your bathroom: (this is called a vanity)
9. Is the height you your kitchen cabinets and vanity cabinets the same? Are the depths the same?
10. With your cover off, measure the length, width and height of your phone. What kind/model of phone is it?

Great work! All these measurements will be used to 3D model parts or design a house!!