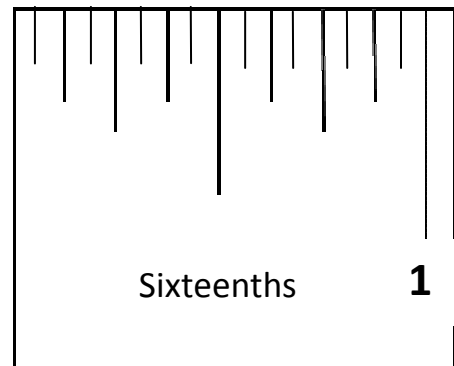
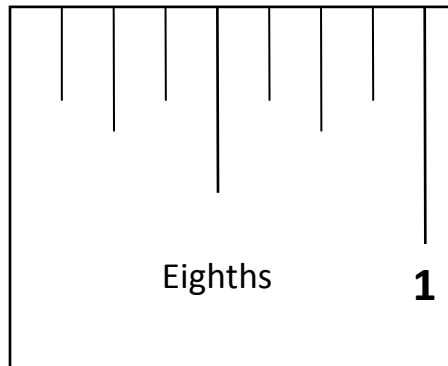
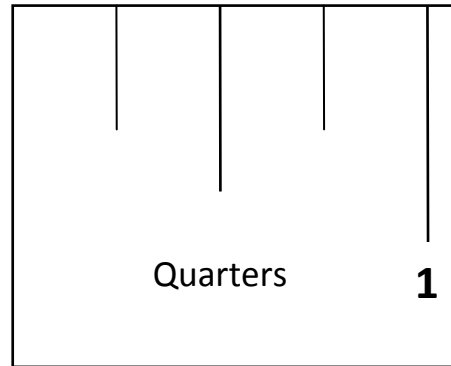
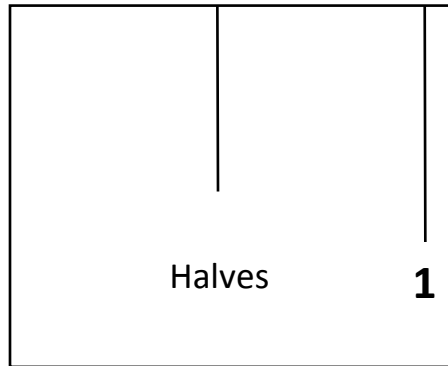
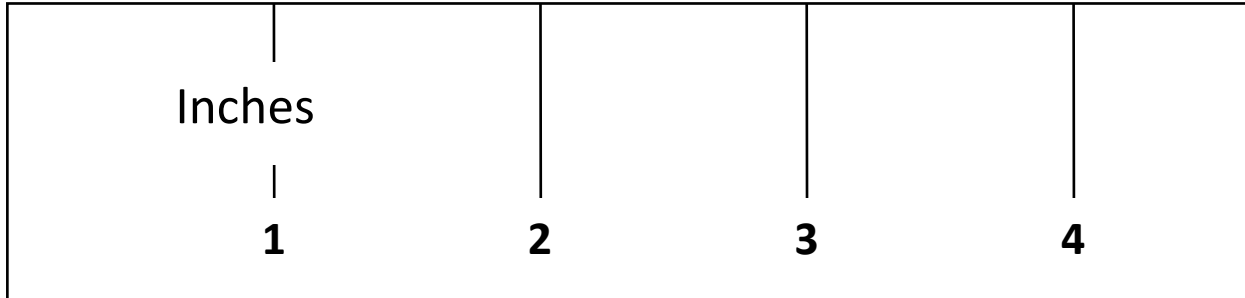


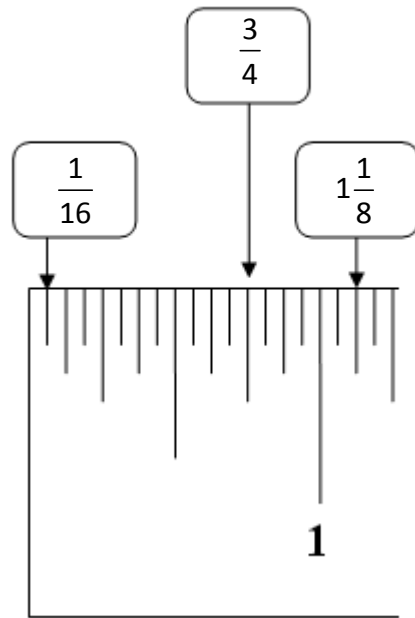
# Welding: Hibachi Grill Project

## Measurement

Breakdown of a Rule (US Customary System):  
Feet and Inches



Example: Fill in the measurements indicated on the ruler with fractional notation:

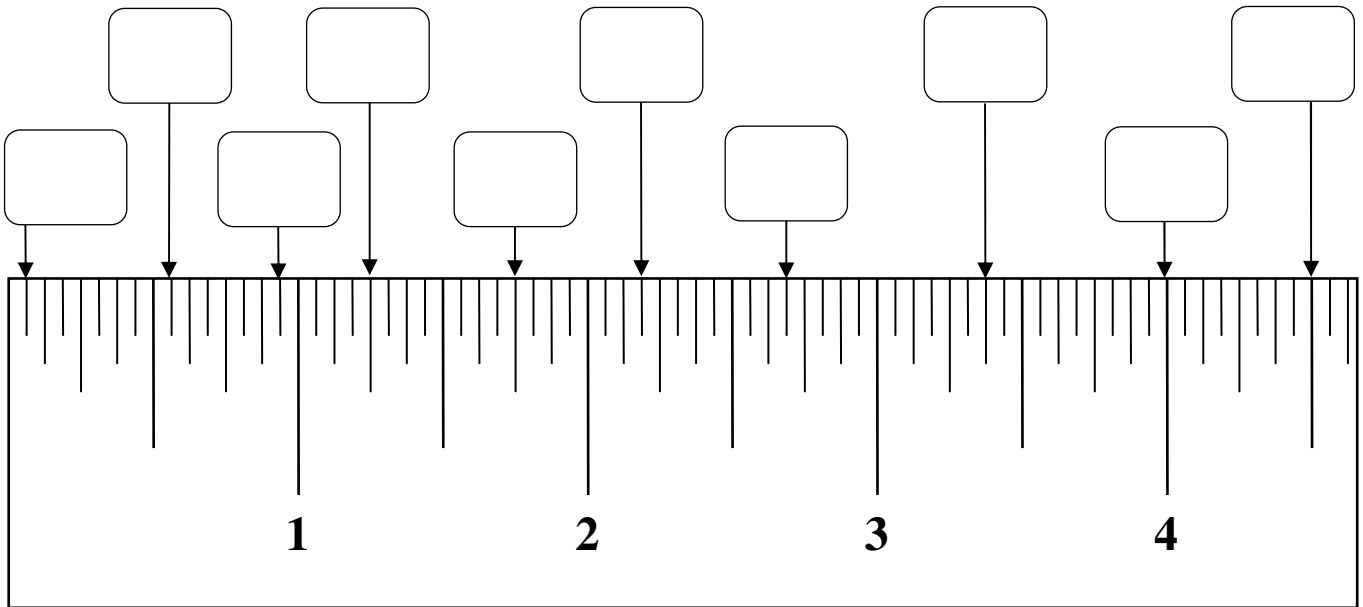
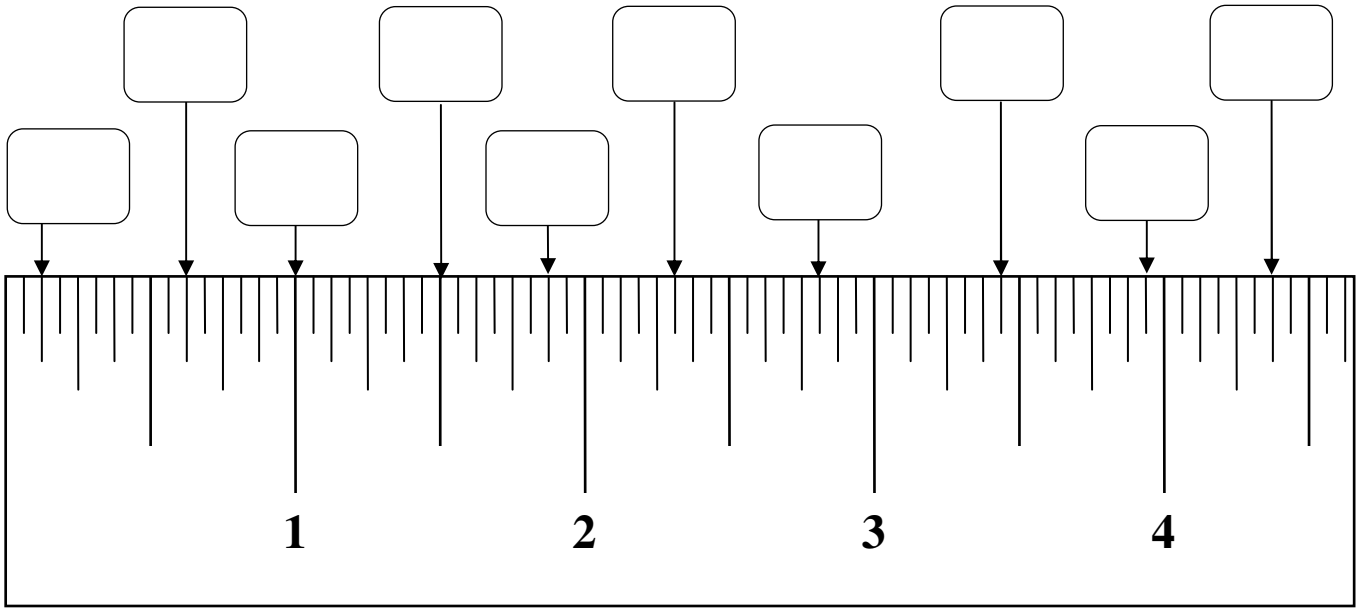


Fractions should always be expressed in their most reduced form:

$$\frac{12}{16} = \frac{3 \cdot 4}{4 \cdot 4} = \frac{3 \cdot \cancel{4}}{4 \cdot \cancel{4}} = \frac{3}{4}$$

The numerator and denominator share a common factor of 4,  
 Cancelling 4 from both the top and the bottom, reduces  $\frac{12}{16}$  to  $\frac{3}{4}$ .

1. Fill in the measurements on the ruler below in fractional notation:



- Pick three items to measure from the "grab bin". Identify the items, roughly sketch each item and measure each of the items accurate to within a sixteenth of an inch.

Item	Sketch	Measurement