## Measurements

Measurements are comparisons of properties against accepted standards, called units.

ENGLISH / US SYSTEM OF UNITS:

$$1 \text{ foot} = \frac{12 \text{ inches } 1 \text{ yard} = \frac{3 \text{ feet}}{5280 \text{ feet}} = 1 \text{ mile}$$

So what's the problem?

The Enlgish system of units is difficult to use because the units are not related to one another in meaningful ways.

Different kinds of English units require completely different relationships to change between one unit and another - and all these must be memorized. English units are nonstandard and difficult to use. Solution?

THE METRIC SYSTEM

