

Measurements

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

ENGLISH / US SYSTEM OF UNITS:

$$1 \text{ foot} = \underline{12} \text{ inches} \quad 1 \text{ yard} = \underline{3} \text{ feet} \quad 1 \text{ mile} = \underline{1760} \text{ yards}$$

$$\underline{5280} \text{ ft} = \text{mile}$$

So what's the problem?

The English system of units is a convoluted mess! The units in the English system don't relate to one another in meaningful ways.

Each kind of unit has its own conversion factors, which are not used for anything else!