

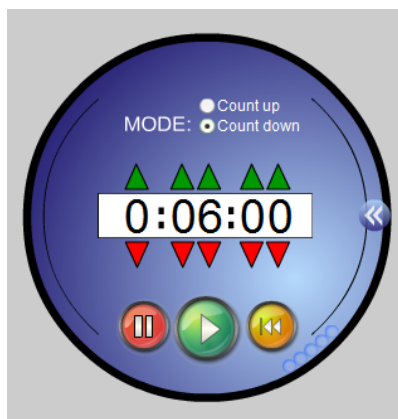
Warm-Up Question

Convert each measure.

a) 0.87 L to cL

b) 24.08 hg to dg

You have 6 minutes to start #1-20 on the steel ruler handout.



THE IMPERIAL SYSTEM

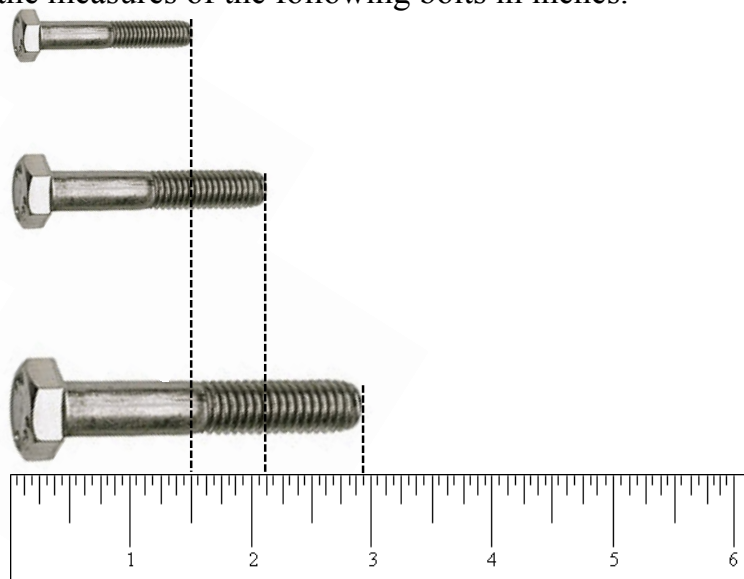


Today, the _____ of measurement is most widely used in the _____ and in a few _____ countries. Even though Canada officially adopted the _____ system in _____, many Canadian industries continue to use the _____.

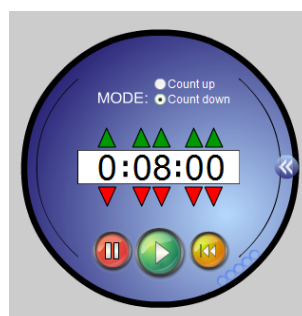
FRACTIONS OF AN INCH

The inch is the smallest measure of length in the imperial system. Whole inches are the tallest lines on a ruler. When measuring length that are not a whole inch, fractions of an inch are used.

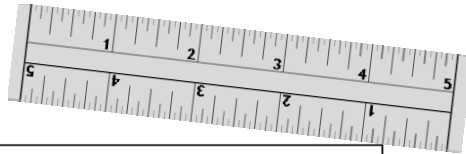
Find the measures of the following bolts in inches.



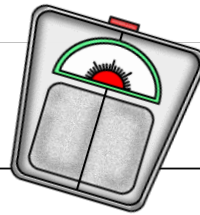
You have 8 minutes to start #21-40 on the steel ruler handout.



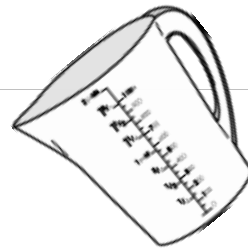
IMPERIAL - IMPERIAL CONVERSION TABLES



Length							
1 ft	=	12	in	1 in	=	$\frac{1}{12}$	ft
1 yd	=	3	ft	1 ft	=	$\frac{1}{3}$	yd
1 mi	=	1760	yd	1 yd	=	$\frac{1}{1760}$	mi

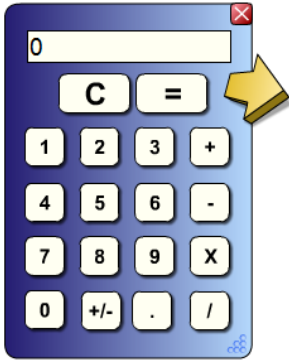


Mass							
1 lb	=	16	oz	1 oz	=	$\frac{1}{16}$	lb
1 T	=	2000	lb	1 lb	=	$\frac{1}{2000}$	T



Volume							
1 pt	=	16	fl oz	1 fl oz	=	$\frac{1}{16}$	pt
1 qt	=	2	pt	1 pt	=	$\frac{1}{2}$	qt
1 gal	=	4	qt	1 qt	=	$\frac{1}{4}$	gal
1 c	=	8	fl oz	1 fl oz	=	$\frac{1}{8}$	c

EXAMPLES



1. Complete the following conversions:

a) $2\frac{1}{2}$ ft to inches

b) 48 oz to pounds

c) 3 gal to pints

2. Convert $2\frac{1}{4}$ cups to fluid ounces.

3. Convert the following fluid ounces to pints.

a) 80 fl oz

b) 44 fl oz

4. Calculate the cost, including taxes, to carpet your bedroom that has dimensions 10 ft by 13 ft. The carpet cost \$20.50 / square yard.