

Drawing to Scale

Often an object is too big to draw on standard drawing paper. By using different scales you can make the drawing of an object any size necessary.

The scale is a

The scale you choose depends

-Normal:

-Size up:

-Size Down:

- $\frac{1}{2}$ and $\frac{1}{4}$ scale are either
- Ex: A 1" line is drawn _____ long in _____ scale.
- A _____ is a set of numbers that are proportionally equivalent to the actual dimensions.
- Ex: 1"-1' This means that if you needed to draw a line that is _____, you would draw a _____.

Note: Write out all common measurements and their numerical equivalents to avoid confusion.

<u>Scale</u>	<u>Real Size</u>
1"	
$\frac{1}{2}$ "	
$\frac{1}{4}$ "	
$\frac{1}{8}$ "	
$\frac{1}{16}$ "	$\frac{3}{4}$ "