

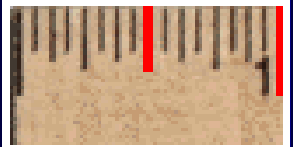
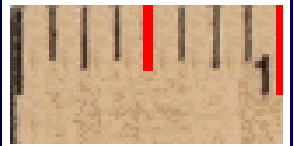
A ruler marked in 8ths. Every mark is  $\frac{1}{8}$ th of an inch.



A ruler marked in 16ths. Every mark is  $\frac{1}{16}$ th of an inch.

The center mark between numbers is  $\frac{1}{2}$ .

The red lines on these rulers are marked at  $\frac{1}{2}$ , and 1.



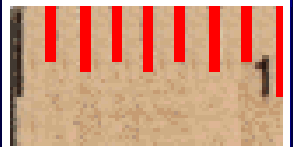
The next smallest marks on a ruler are  $\frac{1}{4}$ ths.

The red marks on these rulers are at  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ , and 1. ( $\frac{1}{2}$  is the same as  $\frac{2}{4}$ )



The next smallest marks on a ruler are  $\frac{1}{8}$ ths.

The red marks on these rulers are at  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ , and 1.



The next smallest mark, if there are any, are  $\frac{1}{16}$ ths.

The red marks on this ruler are at  $\frac{1}{16}$ ,  $\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$ ,  $\frac{1}{2}$ ,  $\frac{9}{16}$ ,  $\frac{5}{8}$ ,  $\frac{11}{16}$ ,  $\frac{3}{4}$ ,  $\frac{13}{16}$ ,  $\frac{7}{8}$ ,  $\frac{15}{16}$ , and 1.



## How to Measure a Ruler