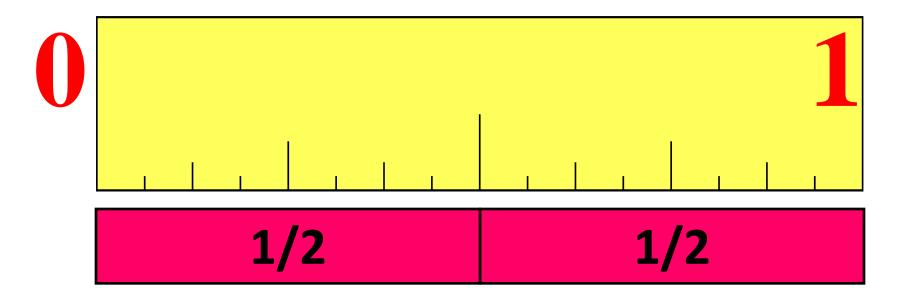


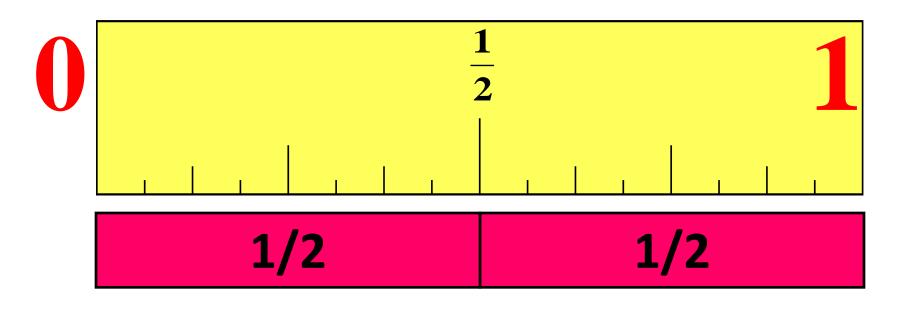
The ruler below measures from 0 to 1.



Divide the distance from 0 to 1 into 2 equal pieces. Each piece is ½ the total distance.



We start measuring at 0 and move toward 1.



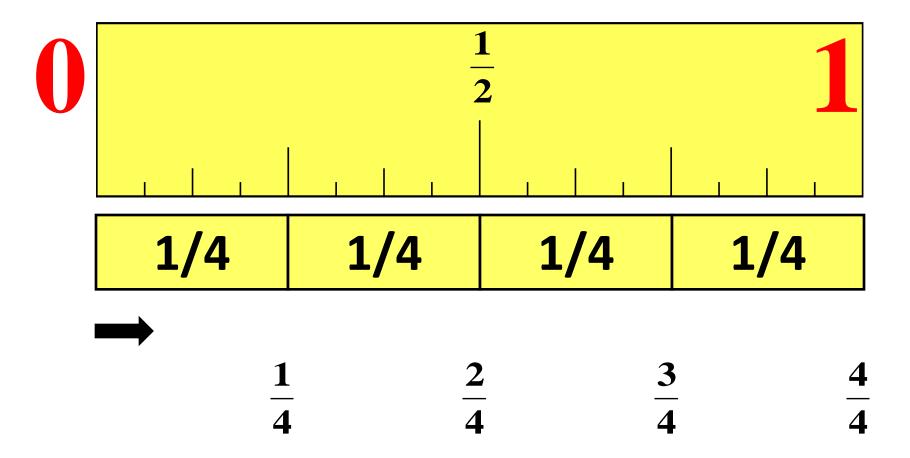




This screw is ½ inch long.

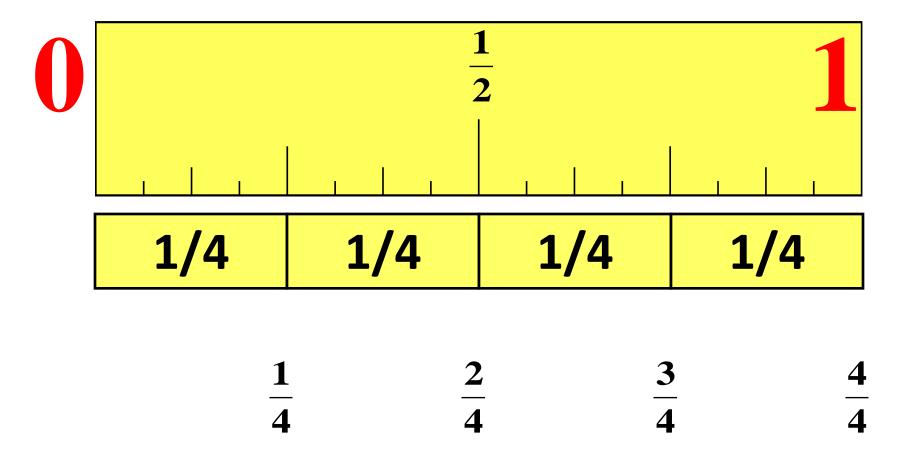


Divide the distance from 0 to 1 into 4 equal pieces. Each piece is 1/4 the total distance.



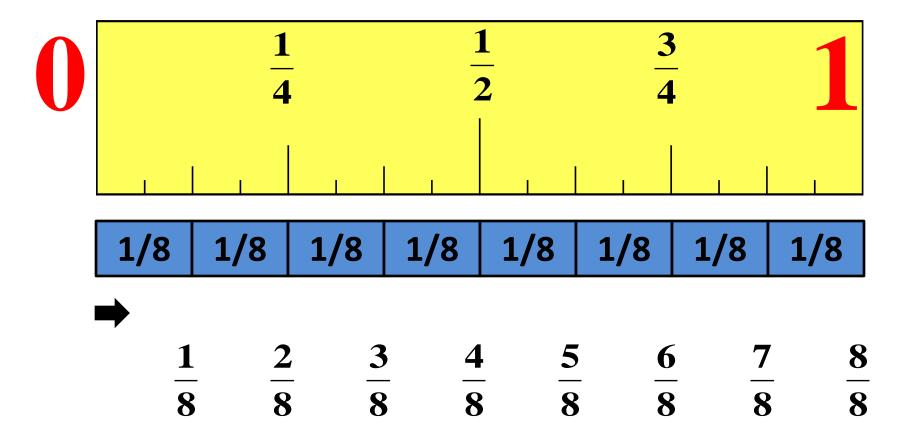
We still call the tallest line ½.

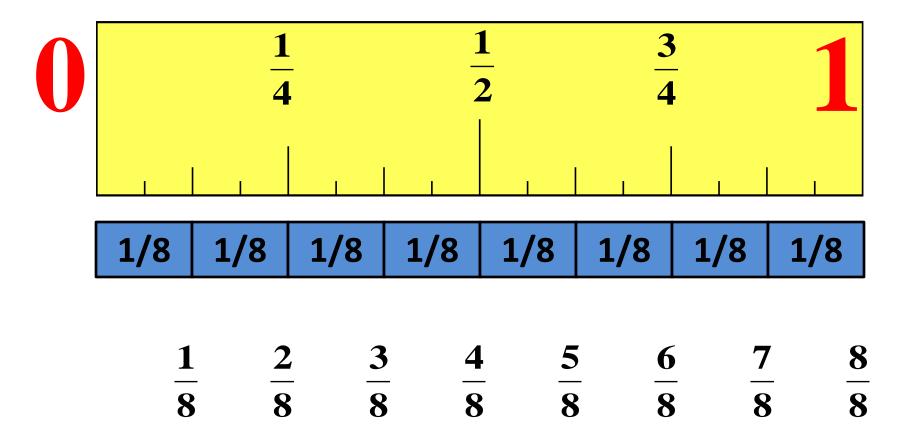
The next tallest lines are both fourths: ¼ and ¾.

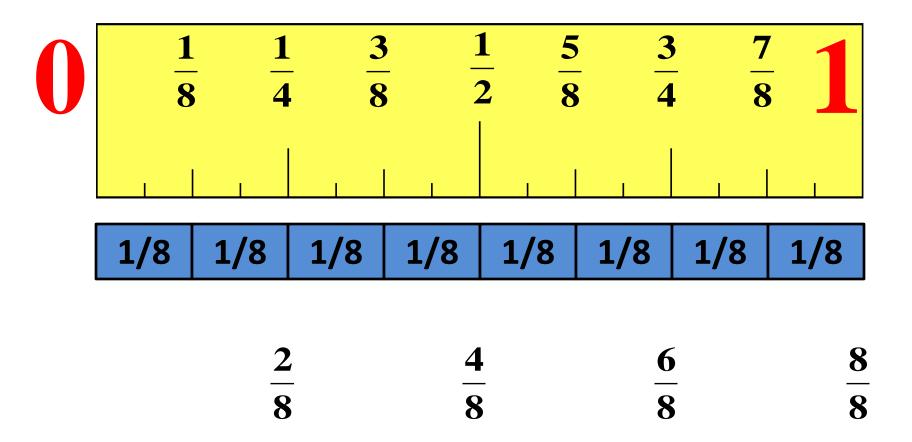


What about $\frac{2}{4}$? That's the same thing as $\frac{1}{2}$.

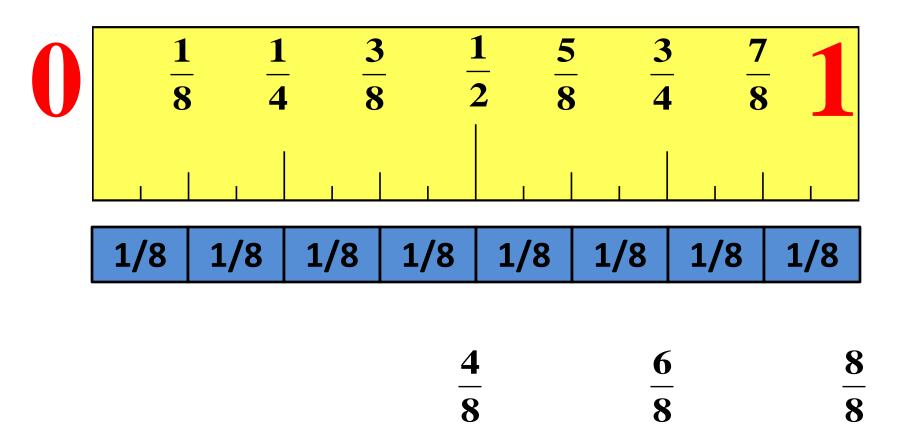
Divide the distance from 0 to 1 into 8 equal pieces. Each piece is 1/8 the total distance.



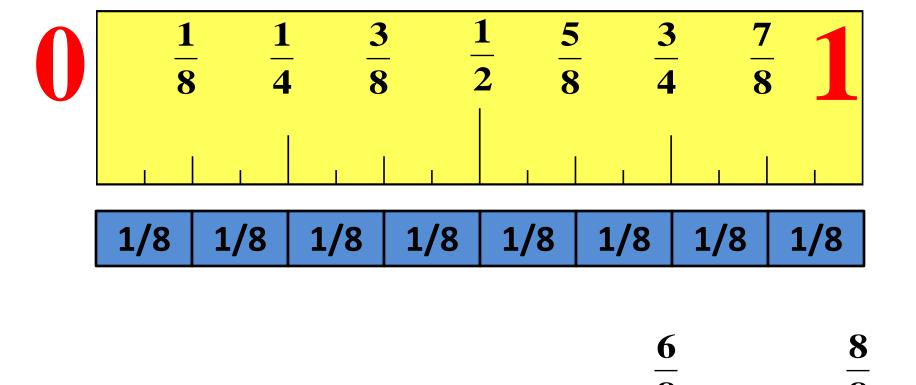




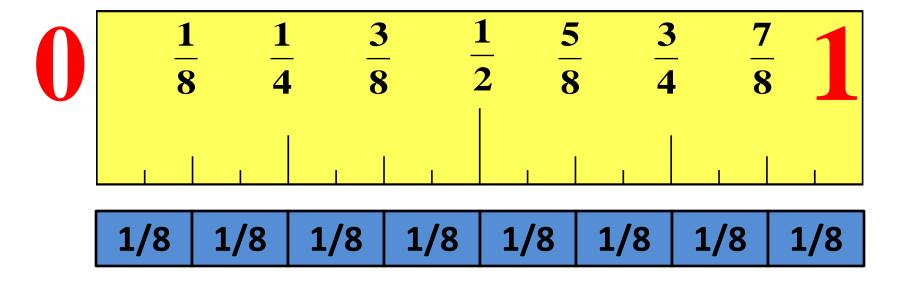
What about 2/8? That is the same thing as 1/4.



What about 4/8? That is the same thing as 1/2.

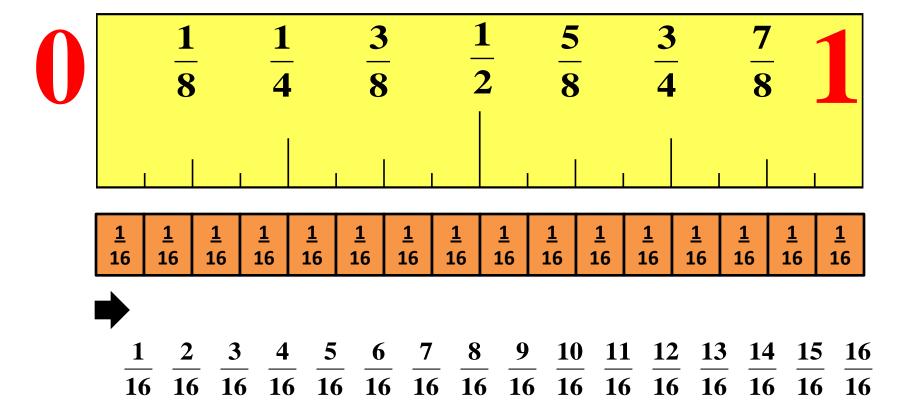


What about 6/8? That is the same thing as 3/4.

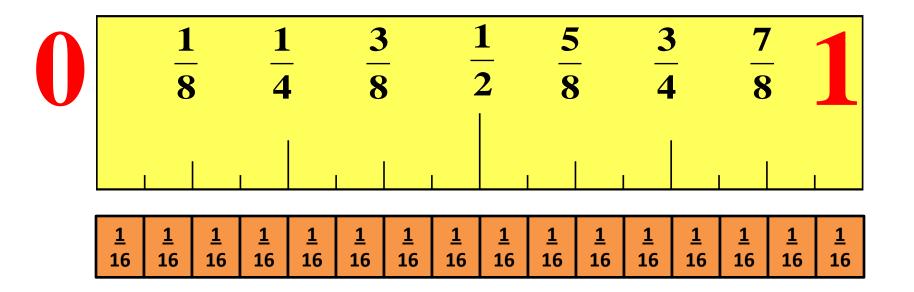


What about 8/8? That is the same thing as 1.

Divide the distance from 0 to 1 into 16 equal pieces. Each piece is 1/16 the total distance.

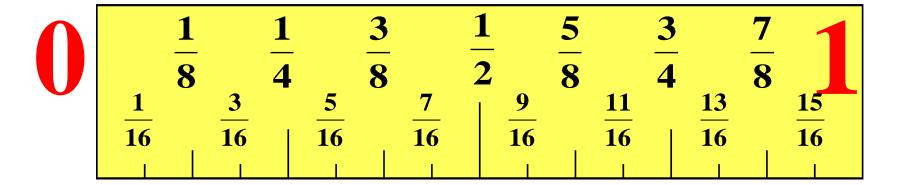


The shortest lines are 16ths.



$$\frac{1}{16} \quad \frac{2}{16} \quad \frac{3}{16} \quad \frac{4}{16} \quad \frac{5}{16} \quad \frac{6}{16} \quad \frac{7}{16} \quad \frac{8}{16} \quad \frac{9}{16} \quad \frac{10}{16} \quad \frac{11}{16} \quad \frac{12}{16} \quad \frac{13}{16} \quad \frac{14}{16} \quad \frac{15}{16} \quad \frac{16}{16}$$

What about 89166? Thatsishbesomeas 1888.

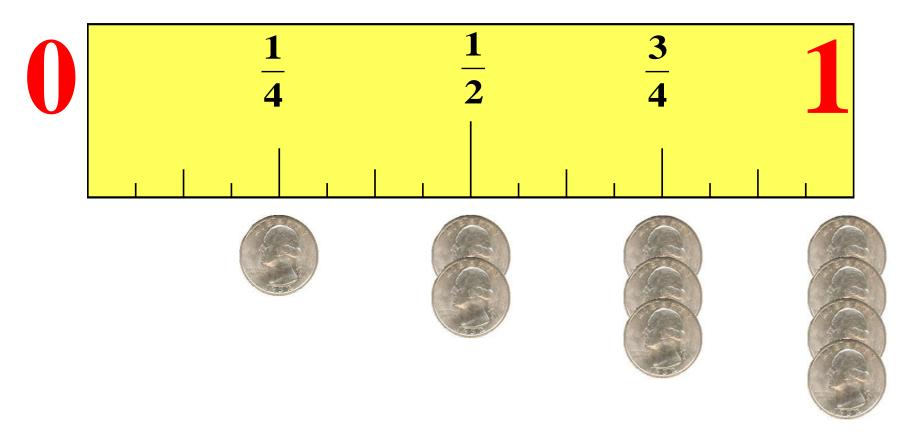


Notice that all of your ruler fractions are odd numbers in the numerator divided by even numbers in the denominator.

Odd Even Are you having trouble remembering these fractions?

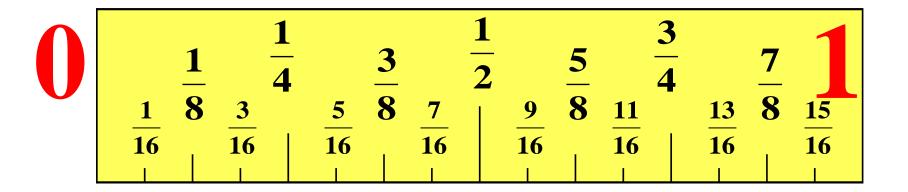
Money always makes things easier.

Let's count up to a dollar in quarters.



2 quarters = 1 delfadollar

Now let's put in the eighths using the second shortest lines, remembering to count in odd numbers.



Now let's put in the sixteenths using the shortest lines, remembering to count in odd numbers.

Now you know how to read a ruler. Practice it every day so you will not forget it.