



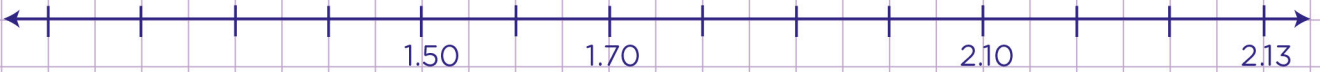
Name: ..... Class: .....

Compare decimals and fractions on number lines

a. Represent  $\frac{1}{100}$  and 0.05 on the number line and say which is greater.



b. Represent 1.20 and  $1\frac{5}{10}$  on the number line and say which is smaller.



c. Represent  $\frac{8}{10}$  and 0.88 on the number line and say which is smaller.

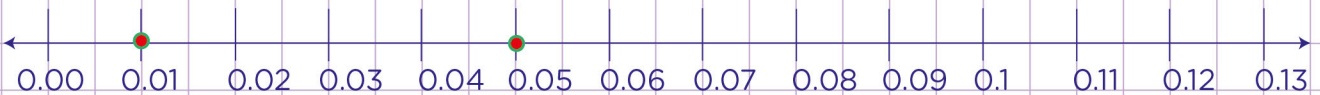




Name: ..... Class: .....

### Compare decimals and fractions on number lines

a. Represent  $\frac{1}{100}$  and 0.05 on the number line and say which is greater.



First of all convert the fraction to a decimal.  $\frac{1}{100} = 0.01$   
 Secondly, we identify 0.01 and 0.05 on the number line with a dot.  
 Finally, let's compare 0.01 and 0.05

**Since 0.05 is to the right of 0.01, then 0.05 is greater.**

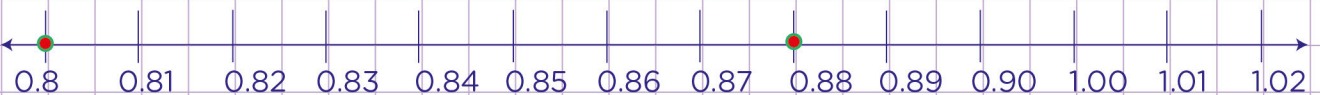
b. Represent 1.20 and  $1\frac{5}{10}$  on the number line and say which is smaller.



First of all convert the mixed number to a decimal.  $1\frac{5}{10} = 1 + 0.5 = 1.50$   
 Secondly, we identify 1.50 and 1.20 on the number line with a dot.  
 Finally, let's compare 1.50 and 1.20

**Since 1.20 is to the left of 1.50, then 1.20 is smaller.**

c. Represent  $\frac{8}{10}$  and 0.88 on the number line and say which is smaller.



First of all convert the fraction to a decimal.  $\frac{8}{10} = 0.8$   
 Secondly, we identify 0.8 and 0.88 on the number line with a dot.  
 Finally, we compare 0.8 and 0.88

**Since 0.8 is to the left of 0.88, then 0.8 is smaller.**

