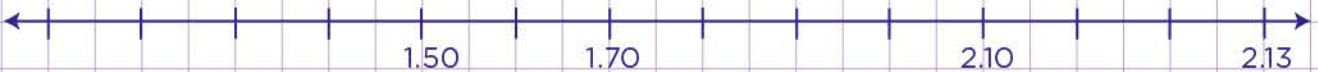


Name: Class:

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.

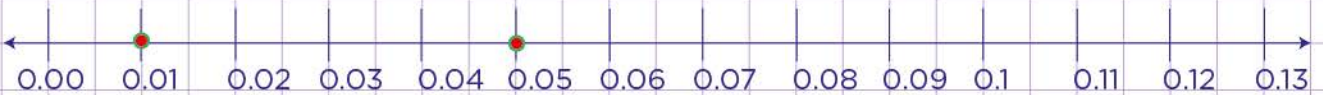
 d. Represent $\frac{5}{10}$ and 0.55 on the number line and say which is smaller.

 e. Represent $\frac{3}{10}$ and 0.33 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.

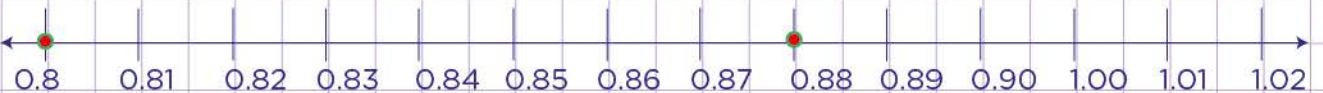
b. Represent 1.20 and $1\frac{5}{10}$ on the number line and say which is smaller.



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.