

Name: Class:

Compare decimals and fractions on number lines

a. Compare $\frac{1}{10}$ and 0.05 on the number line. Tick the greater number after comparing.



0.05 $\frac{1}{10}$

b. Compare $\frac{2}{100}$ and 0.01 on the number line. Tick the smaller number after comparing.



$\frac{2}{100}$ 0.01

c. Compare $\frac{5}{10}$ and 0.9 on the number line. Tick the smaller number after comparing.



$\frac{5}{10}$ 0.9

d. Compare $\frac{71}{100}$ and 0.80 on the number line. Tick the greater number after comparing.



$\frac{71}{100}$ 0.80

Name: Class:

Compare decimals and fractions on number lines

- a. Compare $\frac{1}{10}$ and 0.05 on the number line. Tick the greater number after comparing



0.05 $\frac{1}{10}$

Let's first of all convert $\frac{1}{10}$ to a decimal.

$$\frac{1}{10} = 0.1$$

Then, let's locate 0.05 and 0.1 on the numberline and graph the points



Finally, let's compare $\frac{1}{10}$ and 0.05

Since, 0.05 is to the left of $\frac{1}{10}$, it implies;

$\frac{1}{10}$ is the greater number.

- b. Compare $\frac{2}{100}$ and 0.01 on the number line. Tick the smaller number after comparing



$\frac{2}{100}$ 0.01

- c. Compare $\frac{5}{10}$ and 0.9 on the number line. Tick the smaller number after comparing



$\frac{5}{10}$ 0.9

- d. Compare $\frac{71}{100}$ and 0.80 on the number line. Tick the greater number after comparing



$\frac{71}{100}$ 0.80