

Name: Class:

Find smaller or larger fractions



a. Graph $\frac{2}{5}$ on a number line and write down all the fractions greater than $\frac{2}{5}$.

b. Graph $\frac{2}{4}$ on a number line and write down all the fractions less than $\frac{2}{4}$.



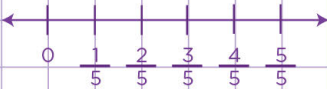
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Find smaller or larger fractions

a. Graph $\frac{2}{5}$ on a number line and write down all the fractions greater than $\frac{2}{5}$.

Let's first of all draw a number line and then graph $\frac{2}{5}$.



Now, let's write down fractions greater than $\frac{2}{5}$.

We know that, on a number line, numbers to the right are greater.

So, fractions to the right of $\frac{2}{5}$ from the number line are;

$$\frac{3}{5}, \frac{4}{5} \text{ and } \frac{5}{5}$$

Therefore $\frac{3}{5}$, $\frac{4}{5}$ and $\frac{5}{5}$ are all fractions greater than $\frac{2}{5}$.

b. Graph $\frac{2}{4}$ on a number line and write down all the fractions less than $\frac{2}{4}$.

Let's first of all draw a number line and then graph $\frac{2}{4}$.



Now, let's write down fractions less than $\frac{2}{4}$.

We know that, on a number line, numbers to the left are less.

So, fractions to the left of $\frac{2}{4}$ from the number line is $\frac{1}{4}$.

Therefore, $\frac{1}{4}$ is the fraction less than $\frac{2}{4}$ on the number line.

