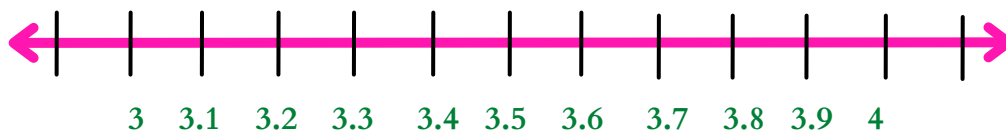


Decimals and Number lines

A good way to picture or visualize where a decimal lies between two whole number is to use number lines.

To visualize it, divide each segment of the number line into 10 equal parts.

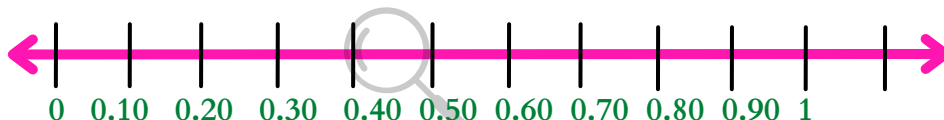
Example :-



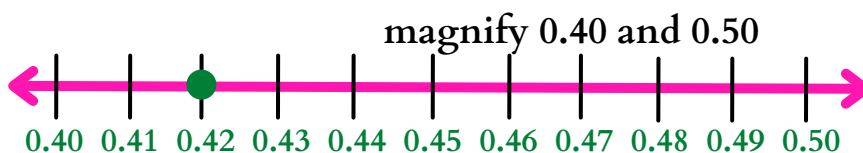
What if we have decimals with more than one place value ?

Simply add zeroes to both decimals, ex. $0.6 = 0.60$ or $0.2 = 0.20$

Let's take a number 0.42 and mark it on the number line



Now , we can see that 0.42 will lie between 0.40 and 0.50, therefore we will



Test yourself:-

Q. Plot each point on the given number line and tell whether the decimal is greater or less than one-half.

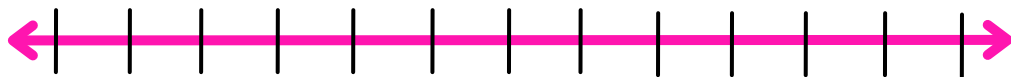
1. 0.39 is _____ than one-half



2. 0.15 is _____ than one-half



3. 0.52 is _____ than one-half



4. 0.49 is _____ than one-half



5. 0.67 is _____ than one-half



6. 0.825 is _____ than one-half

