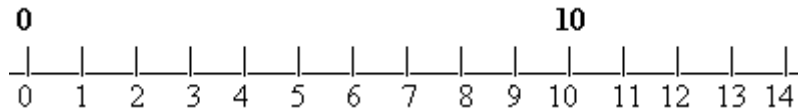


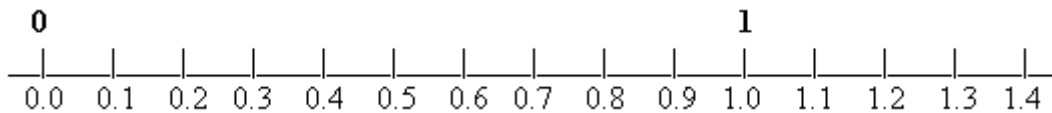
## Decimal numbers - tenths

"Decimal" comes from the Latin root *decem*, which means ten. To understand decimal numbers you need to understand how **ten** forms the basis of our number system.

Let's first explore decimals on the number line. **Draw** little lines between 0 and 1 so that it is divided into ten tiny parts - **tenths!**



Now let's zoom in between 0 and 1. See how the number line between 0 and 1 is divided into ten increments or parts. Each of these ten parts is a **tenth**.



The first digit after the decimal point tells how many *tenth parts* or **tenths** are in the number.

So 0.4 means four tenths - the same as  $\frac{4}{10}$ . And 1.2 is the same as  $1\frac{2}{10}$  - 1 whole 2 tenths.

*Write* the corresponding fractions beneath the decimal numbers in the picture.

### Practice

- Write the decimal numbers on the number lines.

