The Number System

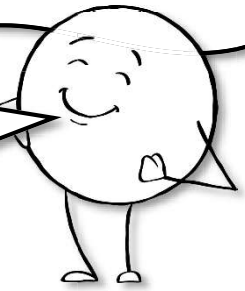
(Comparing Irrational Numbers)

I can _____

_____

What does it mean to compare?

When you compare two values you are determining if one is greater or less than another!



Before we compare two values, we need to remember how to change the following to decimals:

1	2	3	4
$\frac{9}{2}$	$3\frac{7}{8}$	$2.\overline{43}$	$\sqrt{5}$

Example:

Now we can compare the following two values using < or >.

$\sqrt{15}$ and $\frac{7}{2}$

Hence, $\sqrt{15}$ is _____ $\frac{7}{2}$.