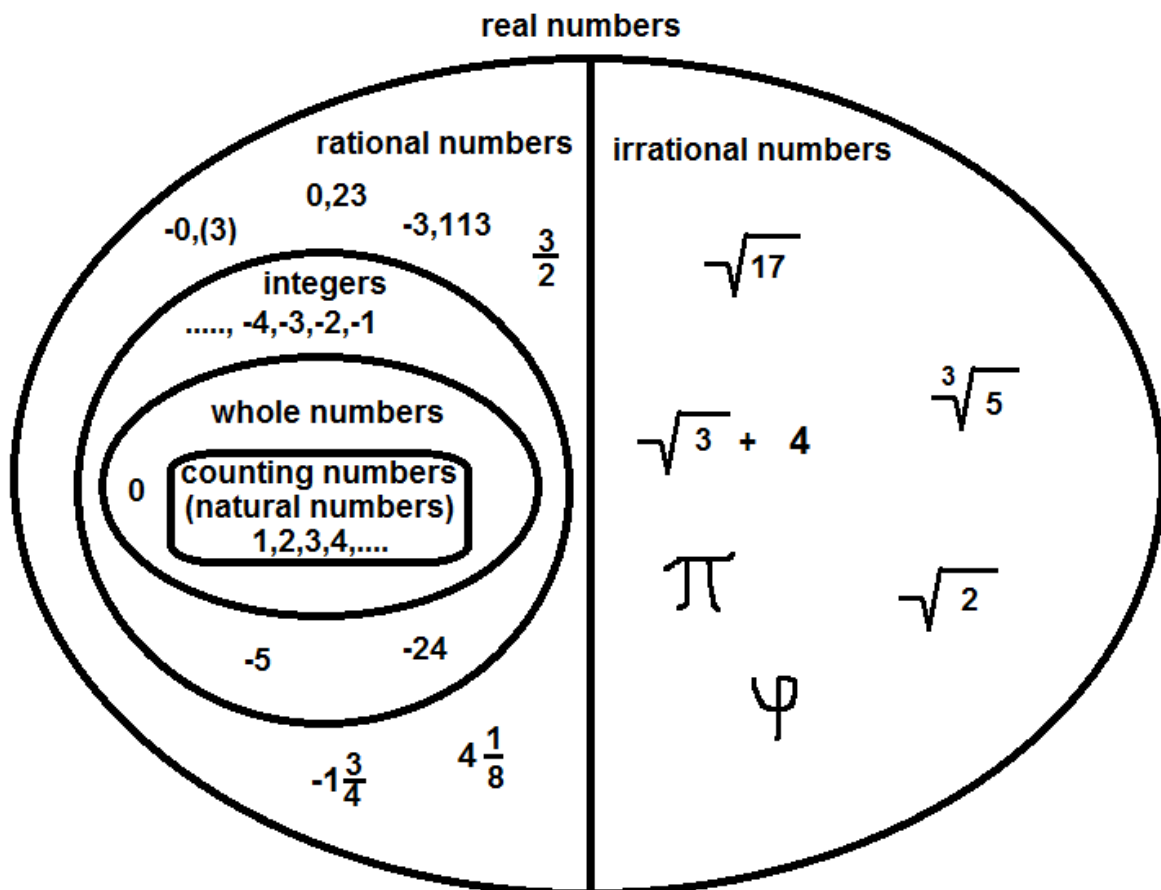


Relationships among the Number Systems



Every integer number have a fraction's form $\frac{A}{B}$, when A and B are integers and B can't be 0.

Notice the following relationships:

- Every counting number is a natural number.
- Every natural number is an integer.
- Every integer is a rational number because if A is an integer, then you can also write it as $\frac{A}{1}$, which shows that it is a rational number.
- Some rational numbers are not integers. For example, $\frac{1}{2}$ is a rational number, but is not an integer.