

Circle all the number systems each value can belong to:

-1	Counting Numbers	Whole Numbers	Integers	Rational Numbers	Real Numbers
568	Counting Numbers	Whole Numbers	Integers	Rational Numbers	Real Numbers
.35	Counting Numbers	Whole Numbers	Integers	Rational Numbers	Real Numbers
0	Counting Numbers	Whole Numbers	Integers	Rational Numbers	Real Numbers
$\sqrt{2}$	Counting Numbers	Whole Numbers	Integers	Rational Numbers	Real Numbers

Match each description with the number system it belongs to:

<b>Description</b>		<b>Number System</b>	
a.	Can include values like $\pi$	___	Counting Numbers
b.	Can't include 0	___	Whole Numbers
c.	Most basic system that includes negatives	___	Integers
d.	Most basic system that includes 0	___	Rational Numbers
e.	Most basic system that includes fractions	___	Real Numebrs

Circle **T** (True) or **F** (False) for each statement:

- T    F**                      Zero can be part of the rational number system.
- T    F**                      Fractions can be part of the whole number system.
- T    F**                      The answer to  $\sqrt{16}$  can be an integer.
- T    F**                      Negative numbers can be part of the real number system.
- T    F**                      The fraction  $\frac{3}{8}$  can be part of the natural number system.
- T    F**                      The decimal 0.333333 can be part of the rational number system.