

Number Systems Worksheet

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:

Description	Number System
a. Can include values like π	___ 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.