

## Identifying Sets of Real Numbers

For each number in the table, place an “X” in each column that identifies the subset of the Real number system to which the number belongs. For example, the number  $-3$  would have an “X” in the Natural, Integer, Rational and Real columns.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Identifying Sets of Real Numbers

Place an X in each column that the number belongs to.

Number	Natural	Whole	Integer	Rational	Irrational	Real
4						
$\sqrt{16}$						
$2\frac{3}{8}$						
$-\frac{4}{7}$						
$\sqrt[1]{9}$						
$0.333\bar{3}$						
0.25						
0.171171117...						
$\sqrt{7}$						
$\pi$						
-2.4						
$-7\frac{1}{2}$						
0						
-3						
-0.4646464646...						
$\frac{12}{3}$						
3.6						

### Identifying Sets of Real Numbers Answer Key

Number	Natural	Whole	Integer	Rational	Irrational	Real
4	X	X	X	X		X
$\sqrt{16}$	X	X	X	X		X
$2\frac{3}{8}$				X		X
$-\frac{4}{7}$				X		X
$\sqrt[1]{9}$				X		X
$0.333\bar{3}$				X		X
0.25				X		X
0.171171117...					X	X
$\sqrt{7}$					X	X
$\pi$					X	X
-2.4				X		X
$-7\frac{1}{2}$				X		X
0		X	X	X		X
-3			X	X		X
-0.4646464646...				X		X
$\frac{12}{3}$	X	X	X	X		X
3.6				X		X