

## Classifying Numbers Worksheet

Fill in the missing symbols and number set names. Then place a check under all the number sets each number belongs to.

	SYMBOLS		Q	I			N	D
	Number Set Name	Real			Integers	Whole		
1	-38							
2	$\frac{9}{7}$							
3	$\sqrt{27}$							
4	$\sqrt{144}$							
5	0							
6	$\pi$							
7	$\sqrt{\frac{25}{36}}$							
8	e							
9	13.9							
10	$\sqrt{3^2 - 15}$							
11	26.4545454545							
12	$7.8\bar{9}$							
13	-2.3487...							
14	$\frac{9}{3}$							
15	Any prime number							
16	Any composite number							

## ANSWERS

	SYMBOLS	$\mathbb{R}$	$\mathbb{Q}$	$\mathbb{I}$	$\mathbb{Z}$	$\mathbb{W}$	$\mathbb{N}$	$\mathbb{D}$
	Number Set Name	Real	Rational	Irrational	Integers	Whole	Natural	Digit
1	-38	X	X		X			
2	$\frac{9}{7}$	X	X					
3	$\sqrt{27}$	X		X				
4	$\sqrt{144}$	X	X		X	X	X	
5	0	X	X		X	X		X
6	$\pi$	X		X				
7	$\sqrt{\frac{25}{36}}$	X	X					
8	e	X		X				
9	13.9	X	X					
10	$\sqrt{3^2 - 15}$							
11	26.4545454545	X	X					
12	$7.8\bar{9}$	X	X					
13	-2.3487...	X		X				
14	$\frac{9}{3}$	X	X		X	X	X	X
15	Any prime number	X	X		X	X	X	
16	Any composite number	X	X		X	X	X	