Assignment # Rational and Irrational Numbers		Numbers	Name	
Standard: NS 1.4 Classify real numbers			Pre-Algebra, Perio	od
			Date	
Rational Numbers: Num	bers that END or have a repeating	PATTERN. They	make sense!	
Examples: ½, 128.35, 0.1	212, 0.333333			
Irrational Numbers: Any make no sense! Non-perf	y number that represents a NON-Rect squares.	EPEATING, NON-	-TERMINATING deci	mal. Crazy numbers that
Examples: 0.1201020012	11, 3.14151692345, 0.349892	38		
Identify each numbe	er as rational or irrational.			
1. 432.8		<b>2.</b> 0.34343434		
<b>3.</b> 4.101010001		40.33333		
<b>5.</b> 0.313111331		<b>6.</b> 7.2345		
7. √7		<b>8.</b> $\sqrt{16}$		
9. $\sqrt{52}$		<b>10.</b> √3		
<b>11.</b> √49		12. $\sqrt{36}$		
13. Which is	an irrational number?	<b>14.</b> Th	ne number 5.34564	35 is:
$\mathbf{A}  \sqrt{5}$	$\mathbf{B} = \sqrt{9}$	A Ra	tional B	Irrational
<b>C</b> -1	$\mathbf{D} = \frac{2}{3}$	С Во	th <b>D</b>	Neither
15. Which of irrational	the following is an number?	16. W	hich is a rational n	umber?
$\mathbf{A}  \sqrt{144}$	<b>B</b> $\sqrt{16}$	<b>A</b> $\frac{3}{4}$	В	$\sqrt{8}$
$\mathbf{C}$ $\sqrt{4}$	$\mathbf{D} \sqrt{3}$	C 3.1	.4159265 <b>D</b>	$\sqrt{38}$