

**Color by Classifying**

Name \_\_\_\_\_

0.25		1.76	$\frac{1}{5}$	$\sqrt{-36}$	$\frac{5}{8}$	2.75			
	$2\frac{5}{6}$	0.125	$\frac{8}{0}$	$\sqrt{17}$	$\sqrt{-4}$	$\frac{9}{11}$	0.45		$8\frac{1}{7}$
$0.\bar{3}$	5.9	$\sqrt{-83}$	.23924...	$\sqrt{6}$	$\sqrt{56}$	$\frac{15}{0}$	$\frac{1}{3}$	$0.\bar{6}$	$4.\bar{13}$
$\frac{3}{4}$	$\frac{25}{0}$	$\sqrt{84}$	$8\frac{5}{12}$	.78321...	$7.\bar{81}$	$\sqrt{21}$	$\sqrt{-49}$	$\sqrt{-23}$	$\frac{3}{0}$
$0.\bar{9}$	$5\frac{3}{7}$	.3295...	.9857...	$\sqrt{41}$	$\sqrt{37}$	.4837...	$\sqrt{26}$	$\sqrt{50}$	$\sqrt{67}$
$\sqrt{9}$	28	$\sqrt{145}$	$9.\bar{5}$	$\sqrt{5}$	127	$\sqrt{3}$	$\frac{5}{0}$	$\sqrt{-16}$	$\sqrt{-25}$
$\frac{12}{3}$	-6	.93823...	$\sqrt{15}$	$\sqrt{101}$	$\sqrt{16}$	.3825...	$\sqrt{-100}$	$\frac{9}{0}$	$\frac{1}{0}$

**BLACK** – Number that is Not Real  
**YELLOW** – Real, Irrational Number

**BLUE** – Real, Rational Number  
**GREEN** – Real, Rational Number, Integer

8<sup>th</sup> Grade Unit 2

# Color by Classifying

Name \_\_\_\_\_ **\*\*KEY\*\*** \_\_\_\_\_

0.25		1.76	$\frac{1}{5}$	$\sqrt{-36}$	$\frac{5}{8}$	2.75			
	$2\frac{5}{6}$	0.125	$\frac{8}{0}$	$\sqrt{17}$	$\sqrt{-4}$	$\frac{9}{11}$	0.45		$8\frac{1}{7}$
$0.\bar{3}$	5.9	$\sqrt{-83}$	.23924...	$\sqrt{6}$	$\sqrt{56}$	$\frac{15}{0}$	$\frac{1}{3}$	$0.\bar{6}$	$4.\bar{13}$
$\frac{3}{4}$	$\frac{25}{0}$	$\sqrt{84}$	$8\frac{5}{12}$	.78321...	$7.\bar{81}$	$\sqrt{21}$	$\sqrt{-49}$	$\sqrt{-23}$	$\frac{3}{0}$
$0.\bar{9}$	$5\frac{3}{7}$	.3295...	.9857...	$\sqrt{41}$	$\sqrt{37}$	.4837...	$\sqrt{26}$	$\sqrt{50}$	$\sqrt{67}$
$\sqrt{9}$	28	$\sqrt{145}$	$9.\bar{5}$	$\sqrt{5}$	127	$\sqrt{3}$	$\frac{5}{0}$	$\sqrt{-16}$	$\sqrt{-25}$
$\frac{12}{3}$	-6	.93823...	$\sqrt{15}$	$\sqrt{101}$	$\sqrt{16}$	.3825...	$\sqrt{-100}$	$\frac{9}{0}$	$\frac{1}{0}$

**BLACK** – Number that is Not Real  
**YELLOW** – Real, Irrational Number

**BLUE** – Real, Rational Number  
**GREEN** – Real, Rational Number, Integer

8<sup>th</sup> Grade Unit 2