Name _____ Date _____

HALLOWEEN HIDDEN PICTURE:
CLASSIFY REAL NUMBERS

Classify each number in the grid. Then color each square according to the key below.

yellow	orange	brown	green	purple
irrational numbers	rational numbers that can't be written as integers	integers that can't be written as whole numbers	whole numbers that can't be written as natural numbers	natural numbers

$\frac{0}{9}$	$5 \cdot 0$	$-1+1$	28	-5	$1+(-7)$	$4.1+0.9$	$\frac{18}{9}$	$\sqrt[3]{27}$	$9-4$	$\sqrt{4}$
$\sqrt{25}$	$\pi-\pi$	$0 \cdot \frac{2}{3}$	0^2	$-\sqrt{9}$	$-\frac{16}{4}$	$6 \cdot 8$	33	$-5+8$	$1-(-6)$	$1.3+0.7$
$\frac{32}{8}$	$9+2$	7.4	$9+0.7$	$0.3 \cdot 2$	$0.\overline{4}$	-6.2	$\frac{2}{3}$	$0.1+7$	$\sqrt{64}$	$\frac{7}{2}-\frac{3}{2}$
$6+(-2)$	$5\frac{1}{5}$	$1.\overline{2}$	887.2	$3.\overline{14}$	$-\frac{5}{4}$	$\frac{10}{7}$	$3.2-5$	$-1\frac{1}{2}$	0.2	$\sqrt[3]{1}$
$-\frac{1}{4}$	3.82	π	$\frac{6}{8}$	$0.2 \cdot 8$	$3+0.1$	$\frac{1}{2}$	$2.\overline{58}$	$\sqrt{10}$	$0.2 \cdot 6$	1.88
0.75	$\sqrt{2}$	$\sqrt[3]{5}$	$6+\sqrt{3}$	$-6\frac{3}{8}$	$\frac{63}{2}$	$5 \cdot 0.5$	$-\pi$	$\sqrt[3]{7}$	$\pi-1$	$-\frac{4}{9}$
-10.02	$\frac{42}{5}$	$0.\overline{5}$	$0.9-7$	$\frac{7}{21}$	$\sqrt{5}+5$	432.8	$6+2.9$	$\frac{6}{5} \cdot 2$	$5+0.8$	$-7.\overline{9}$
$3 \cdot 0.3$	$\frac{1}{3}-\frac{2}{3}$	$-\frac{8}{3}$	$-7.\overline{1}$	$-\sqrt{20}$	$\frac{\pi}{2}$	-2π	$\frac{3}{4}$	-93.5	$\frac{3}{10}$	$1-0.7$
$4-1.3$	$0.\overline{02}$	77.88	$\frac{5}{9}$	$2+0.2$	$6.\overline{27}$	$0.5 \cdot 1$	$4 \cdot 0.4$	$\frac{16}{9}$	-0.1	$6\frac{3}{7}$
$\frac{28}{6}$	7π	$-\sqrt[3]{2}$	$0.6 \cdot 2$	$\sqrt[3]{12}$	$2+\pi$	-8.02	$\pi+\sqrt{16}$	$\pi+7$	$-\frac{\pi}{12}$	$-\frac{7}{11}$
$-9\frac{1}{10}$	$\frac{6}{5}$	2π	$\sqrt{17}$	$\sqrt[3]{4}$	$-\sqrt[3]{16}$	$\frac{\pi}{6}$	$5-\pi$	$\sqrt[3]{10}$	$1.\overline{01}$	$7 \cdot 0.2$
$4.7-0.7$	$6-1.4$	$-\frac{8}{12}$	$\sqrt{8}+2$	$-5.\overline{3}$	-3π	$9+\pi$	$-\sqrt{6}$	$\frac{15}{4}$	$7\frac{2}{25}$	$\sqrt{100}$
$\sqrt[3]{8}$	$3 \cdot \frac{1}{3}$	$\frac{7}{8}+\frac{3}{8}$	$2\frac{4}{9}$	19.4	$\frac{7}{12}$	$0.9 \cdot 8$	$-5\frac{8}{11}$	$4.6-1$	$\frac{60}{15}$	$-4-(-8)$