Name: Date: Period:

1.   Which number is rational?

       A. $\sqrt{12}$ B. $\sqrt{14}$ C. 0.76   D. π

2.   Which number is rational?

       A. -5π B. $\sqrt{25}$ C. $\sqrt{75}$ D. $\sqrt{18}$

3.   Which number is irrational?

       A. -0.88   B. $2\frac{9}{11}$ C. $\sqrt{36}$ D. $\sqrt{40}$

4.   Which numbers are irrational?

       A. $-\frac{5}{29}$ and $-2\frac{7}{8}$ B. π and $\sqrt{16}$ C. $\sqrt{15}$ and $\sqrt{16}$ D. π and $\sqrt{15}$

5.   Which number is an integer and a whole number?

       A. -2   B. -1   C. 0   D. $\frac{1}{2}$

6.   When is a number irrational?

   A. When it is a repeating   B. When there is a decimal   C. When it is a non-   D. When it is a terminating
        decimal   in the answer   terminating non-repeating   decimal
                                                                              decimal

7.   Which number is not a whole number?

       A. -1   B. 0   C. 1   D. 2

8.   Which number is an integer?

       A. 2.5   B. $\frac{1}{2}$ C. -$\frac{1}{2}$ D. -2

9.   Which number is not a natural number?

       A. 0   B. 10   C. 100   D. 1,000

10.   Which number is a natural number and a whole number?

       A. -2   B. -1   C. 0   D. 1

Rational / Irrational Questions