Name: _____ Period: _____ Date: _____

Irrational Numbers Exit Quiz

Part A Instructions: Choose the option to answer the questions.

1. If a whole number is not a perfect square, then its square root is

(a) Natural Number

(b) Whole Number

(c) Rational Number

(d) Irrational Number

2. _____is a real number that cannot be written as a simple fraction.

(a) Rational Number

(b) Irrational Number

(c) Positive integer

(d) Negative integer

3. The number $\sqrt[3]{27}$ is -

(a) Rational Number

(b) Irrational Number

(c) Whole Number

(d) Natural Number

4. The number 65.8904156…. is -

(a) Whole Number

(b) Rational Number

(c) Irrational Number

(d) Natural Number

Part B Instructions: Answer the question below.

5. Find between which two consecutive integers the irrational number $\sqrt{11}$ falls.

_____

_____

_____.

Name: _____ Period: _____ Date: _____

Irrational Numbers Exit Quiz

ANSWERS

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4. The number 65.8904156…. is -

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(b) Rational Number

(c) Irrational Number

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Part B Instructions: Answer the question below.

5. Find between which two consecutive integers the irrational number $\sqrt{11}$ falls.

The greatest perfect square less than 11 is $9 = 3^2$.

The least perfect square greater than 11 is $16 = 4^2$.

$\sqrt{11}$ falls between the two consecutive integers, 3 and 4.