Name: _____   Period: _____   Date: _____

Converting Fractions and Decimals Bell Work   **Math 8**

<mark>ANSWERS</mark>

1. Complete the following statements.

a.   <mark>A repeating decimal</mark> is a decimal that has a digit, or a block of digits, that repeat over and over again without ever ending.

b.   <mark>A terminating decimal</mark> is a decimal with a finite number of digits after the decimal point.

c.   In fraction the numerator is the <mark>dividend</mark> and the denominator is the <mark>divisor</mark>.

2. Which of the following statements is correct?

a.   Equivalent fractions have different denominators but name the same amount.   **T**

b.   To convert a fraction to a decimal, divide the denominator by the numerator.   **F**

c.   A mixed number is a number that is written using both a whole number and a   **T**
fraction

Multiple Choices

3. Which of the following is correct?

a. $1.\overline{3} \leq 1.3$

b. $1.\overline{3} = 1.3$

c. $1.\overline{3} \geq 1.3$

d.   <mark>$1.\overline{3} > 1.3$</mark>

4. Which of the following is correct?

a. $3.56 \leq 3.\overline{56}$

b.   <mark>$3.56 < 3.\overline{56}$</mark>

c. $3.56 > 3.\overline{56}$

d. $3.56 = 3.\overline{56}$

5. Which of the following is correct?

a.   <mark>$\dfrac{6}{10} = 0.6$</mark>

b. $\dfrac{6}{100} > 0.6$

c. $\dfrac{6}{100} \geq 0.6$

d. $\dfrac{6}{100} = 0.6$

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