**Mathematics-Application-5**

**Converting Between Fractions and Decimals and Vice-Versa**

**PRACTICE- Total Marks: 6**

Read each word problem carefully, then solve. Check ALL answers thoroughly. **(Remember to place the decimal point in your answer where appropriate.)**

1a. Kenneth ordered one whole pizza from Mike's Pizza Parlor. He ate 3/10 of the pizza. Convert this amount to a decimal.



Answer: _____[1]

1b. His cousin Ellie ate 7/10 of the pizza. Write seven tenths as a decimal.

Answer: _____[1]

TIP: To convert a decimal to a fraction, **place the decimal number over its place value**. For example, in 0.6, the six is in the tenths place, so we place 6 over 10 to create the equivalent fraction, 6/10. If needed, simplify the fraction. You can write a decimal for a fraction that has a denominator other than 10 or 100. To convert a fraction to a decimal, divide the numerator by the denominator.

2. Conrad used **twenty-three hundredths** of a teaspoon of salt in a recipe. Write the decimal:

(a) in standard form _____ [1]

(b) as a fraction _____[1]



3. In a Poetry class 2/5 of the students are females. Convert 2/5 to a decimal.

Answer:_____ [2]

LIVEWORKSHEETS