Lesson 2.1b
Writing a DECIMAL as a FRACTION

EQ: How do we write a **DECIMAL** as a **FRACTION** or a **MIXED NUMBER?**

STEP 1- Write the digits that are to the left of the decimal as the **WHOLE NUMBER** in the mixed number. IF there are no digits to the left of the decimal, go to step 2.

   EX: 5.25= _____ is the whole number in your answer

STEP 2- Write the digits to the right of the decimal as the **NUMERATOR**.

   EX: $5.25 = 5 \dfrac{}{}$

STEP 3- Write a 1 in the denominator and add a 0 after the one for every digit in the numerator.

   EX: $5.25 = 5 \dfrac{25}{}$

STEP 4- REDUCE/SIMPLIFY   EX: $5.25 = 5 \dfrac{25}{100} \div \dfrac{5}{5} =$

$5 \dfrac{}{} \div \dfrac{5}{5} = 5 \dfrac{}{}$

ON YOUR OWN: _IN YOUR NOTEBOOK_
Write each as a fraction or mixed number in simplest form.

5) - .7   6) .125   7) – 3.1   8) – 10.25