Changing Decimals to Fractions

To change a decimal to a fraction, write the digits of the decimal as the numerator and write the decimal's name as the denominator. Then reduce the fraction, if possible.

Example: .018

1. Write 18 as the numerator: $\underline{18}$

2. Three places to the right of the decimal means *thousandths,* so write 1,000 as the denominator: $\frac{18}{1,000}$

3. Reduce by dividing 2 into the top and bottom numbers: $\frac{18 \div 2}{1,000 \div 2} = \frac{9}{500}$

Now, change these decimals or mixed decimals to fractions:

35. .005 =

36. 3.48 =

37. 123.456 =