

Reminder about how to convert decimals to fractions!

Decimal numbers have a slightly different place value than whole numbers.

If the decimal is * , the place value for the numbers after the decimal begins with “tenths”

SO: it looks like this - . tenths, hundredths, thousandths

Example - in a number like .345 the 3 is in the tenths place, the four is in the hundredths, the five is in the thousandths

To change decimals to fractions, let's look at .3

The numbers will always become the numerator so the 3 goes on the top of the fraction
Then we look to see what is the place value of the last number after the decimal. This 3 is in the tenths place, so we place a 10 as the denominator: $\frac{3}{10}$ or 3 over 10 is our fraction. We can't reduce further, so that is our answer.

Practice these, and reduce the fraction to lowest form when you can.

- 1) .4
- 2) .6
- 3) .25
- 4) .75
- 5) .02
- 6) .33
- 7) .15
- 8) .025
- 9) .075