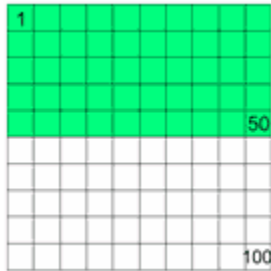


# Developmental Module

## Converting Decimals to Percent

In the following box 50 of the 100 squares are green, so  $\frac{50}{100}$  or 0.5 of the box is green.



- Percentage means "per 100", so 50% of the box is green.
- 0.5 (a decimal number) = 50% (the "%" telling you that there is a hidden  $\frac{\quad}{100}$ )

To convert from decimal to percentage, just multiply the decimal by 100, but remember to put the "%" sign so people know it is per 100.

The easiest way to multiply by 100 is to move the decimal point 2 places to the right:

From Decimal		To Percent
0.125		12.5% move the decimal point 2 places to the right, and add the "%" sign

Use the following online resources to help you practice converting decimals to percentages:

- [http://www.mathgoodies.com/lessons/vol4/challenge\\_vol4.html](http://www.mathgoodies.com/lessons/vol4/challenge_vol4.html)
- <http://www.aaamath.com/dec71dx2.htm>
- <http://www.calculatorsoup.com/calculators/conversions/decimalpercent.php>