**Convert Decimals to Percents**

**Quick Method: move the decimal point 2 places to the right and add a "%" sign!**

**Example: Convert 0.35 to percent**

Move the decimal point two places to the right: 0.35 → 3.5 → 35.

Add a % sign: 35%

Answer **0.35 = 35%**

**Converting From Decimal to Percent**



In this box 50 of the 100 squares are green, so 50/100 , or **0.5 of the box** is green.

Percentage means "per 100", so **50% of the box** is green.

So **0.5 (a decimal number) = 50%**

(the "%" tells you that there is a hidden "/100" there)

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

**The Easy Way**

The easy way to multiply by 100 is to **move the decimal point 2 places to the right**. so:

|  |  |  |
| --- | --- | --- |
| From Decimal  | To Percent |   |
| http://www.mathsisfun.com/images/decimal-to-percent.gif | move the decimal point **2 places to the right**, and add the "%" sign. |

**Example: Convert 0.68 to percent**

Move the decimal point two places to the right: 0.68 → 6.8 → 68.

Answer **0.68 = 68%**

You may also need to add zeros on the right in order to move the decimal point:

**Example: Convert 1.2 to percent**

Move the decimal point two places to the right: 1.2 → 12. → 120.

Answer **1.2 = 120%**