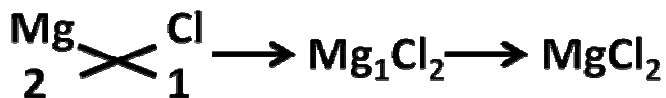


How to Calculate a Gram Formula Mass of a compound

The mass of one mole of a substance is also called the "Gram Formula Mass". Here's how to calculate it for a compound.

e.g. Magnesium chloride

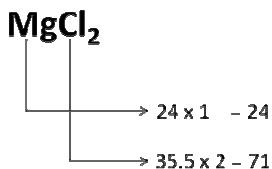
- 1) Work out the **formula** of the compound/element



- 2) Find the **relative atomic mass** of each element (p4 of the data book).



- 3) **Multiply** the relative atomic masses **by the subscripts**



- 4) **Add** the answers together. The answer (expressed in grams) is the gram formula mass

