**Science Home learning**

We hope you are all doing well at home, well done for doing your science work :-). Below are the email addresses for all Science staff. Do not hesitate to contact any of us with any questions. We even have twitter! Twitter Link: @Dearnescience

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**Lesson 4: Title: Formulae Year: 7**

Topic: ChemistryUnit:Elements

Date Set:

Learning Objectives:

Know how to interpret the formulae of molecular compounds and elements.

Understand the meaning of coefficients and subscript values in formulae.

Understand the relationship between microscopic properties, macroscopic properties and formulae (Johnstone’s Triangle).

Information to read / watch:

[Chemical formulae (thenational.academy)](https://classroom.thenational.academy/lessons/chemical-formulae-c4wket)

<https://www.youtube.com/watch?v=vhSc_oqeN5w>

[Symbols and formulae - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zstp34j/articles/zmsk4xs)

Application:

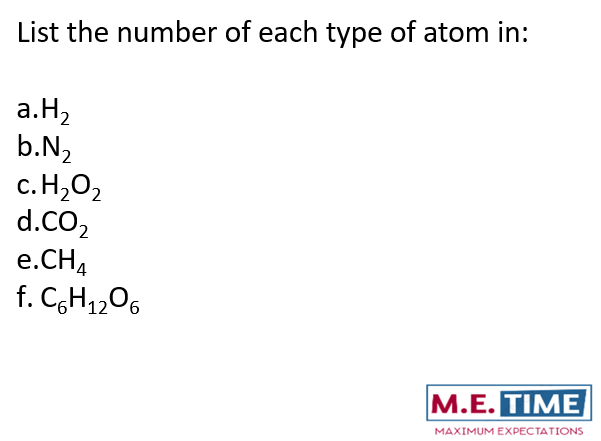
**Task 1:** List the number of atoms in each formula

**Task 2:** How many elements & atoms in each formula?

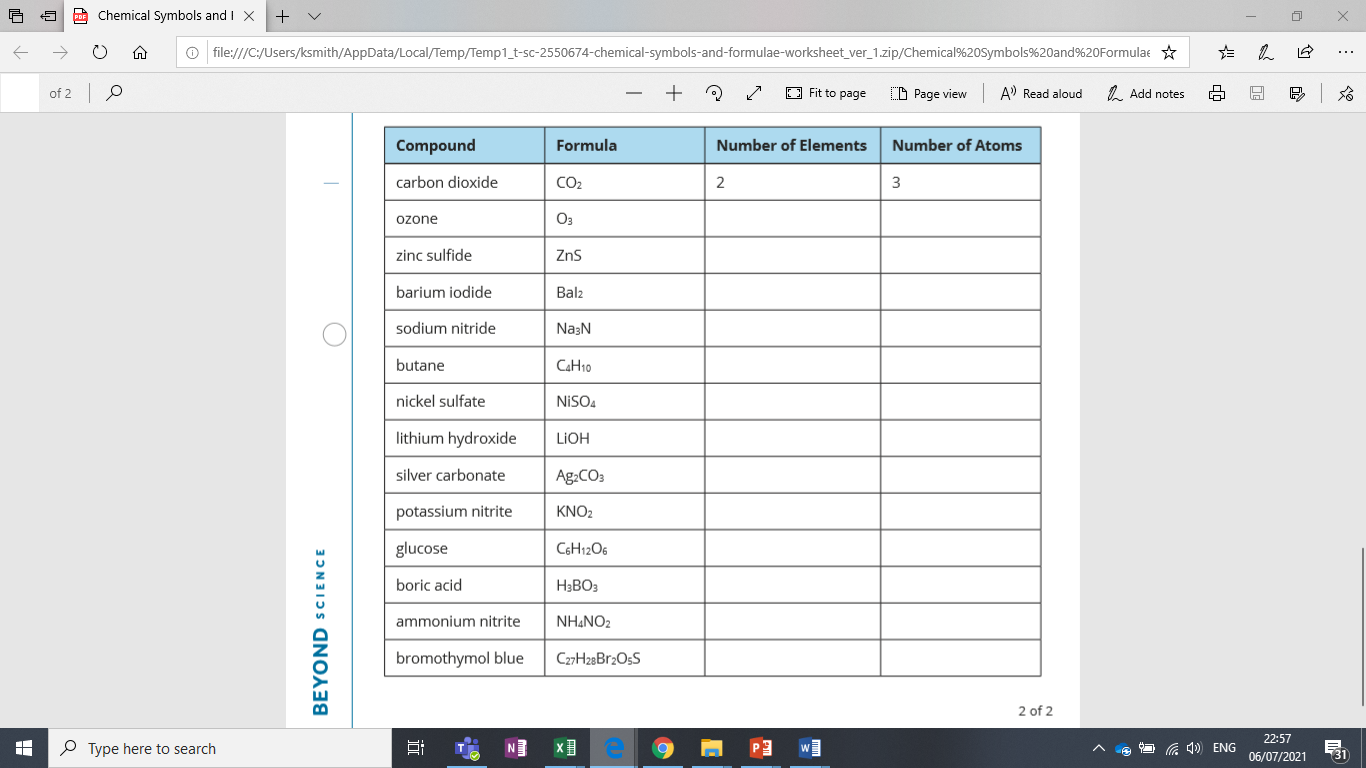
**Task 3:** How many molecules

**Task 4:** Information from formulae

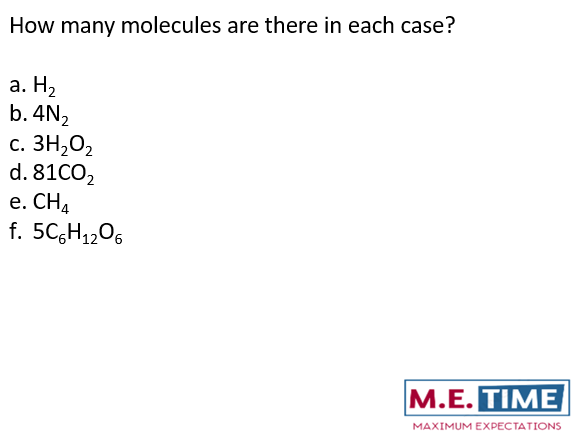
**Task 1:** List the number of atoms in each formula



**Task 2:** How many elements & atoms in each formula



**Task 3:** how many molecules in each case



**Task 4:** Information from formulae

