SCIENCE 2022/2023 **HOMEWORK #14**

NAME:

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1. **Explain the difference between a chemical reaction and a nuclear reaction.**

2. What is a **nuclear fusion reaction?** Draw a picture and explain.

3. What is **nucleosynthesis**?

4. **Does the Universe contain <u>equal amounts of each stable element</u>** of the periodic table? **Explain** your answer.