

NAME: _____ DATE: _____

SUBJECT: SOCIAL STUDIES

TOPIC: THE ATMOSPHERE PROTECTS US

The atmosphere is a blanket of air that covers the Earth. There are layers of the atmosphere, they are the **troposphere**, **stratosphere**, **mesosphere**, **thermosphere**, and **exosphere**.

INSTRUCTIONS: Match the gas in **COLUMN A** with the correct percentage found in the atmosphere in **COLUMN B**.

SECTION A:

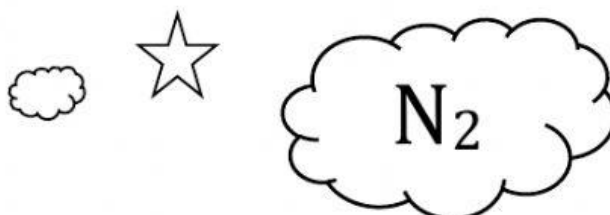
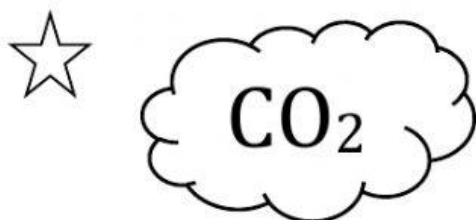
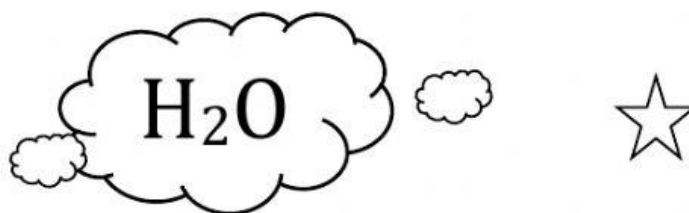
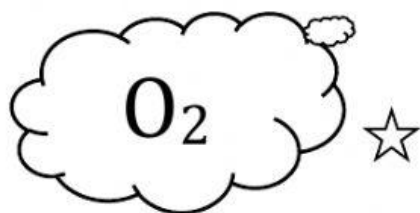
MATCHING

COLUMN A

COLUMN B

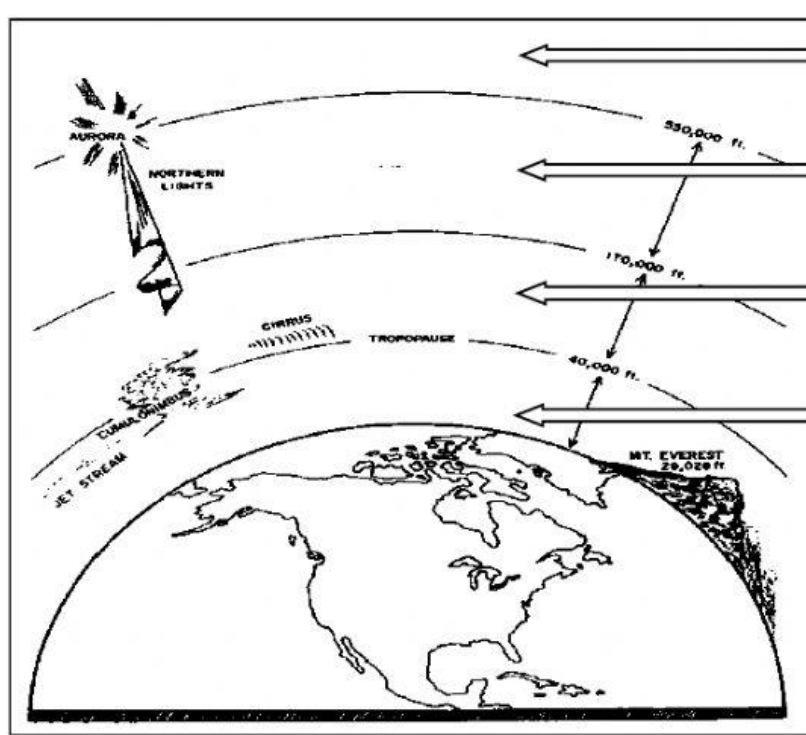
- _____ i. Oxygen
- _____ ii. Water Vapor
- _____ iii. Nitrogen
- _____ iv. Carbon Dioxide

- A. 78%
- B. 0.4%
- C. 21%
- D. 50%
- E. 0.6%



SECTION B: LABELING

INSTRUCTIONS: Choose the correct name for each layer of the atmosphere. Type the name correctly on the lines below.



The diagram shows a cross-section of Earth's atmosphere. From the surface up, the layers are labeled: Troposphere, Tropopause, Stratosphere, Mesosphere, and Thermosphere. Key features and altitudes are marked: Mt. Everest at 29,029 ft, 40,000 ft, 170,000 ft, and 550,000 ft. Other labels include Jet Stream, Cumulonimbus, Cirrus, Northern Lights, and Aurora. Four horizontal lines with arrows point to the layers, numbered 1 to 4 from bottom to top.

4. _____

3. _____

2. _____

1. _____

WORD BANK

Thermosphere Stratosphere
Troposphere Mesosphere
Exosphere

In which layer of the atmosphere will you find...?

a) space station/satellites _____

b) the ozone layer O₃ _____

Mrs. C. Marguerite Forbes - Moree