

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:

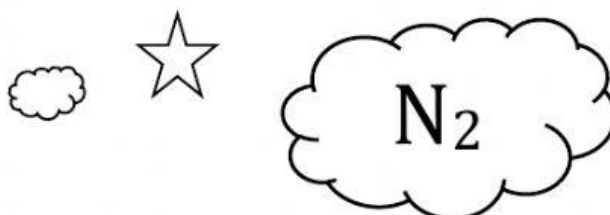
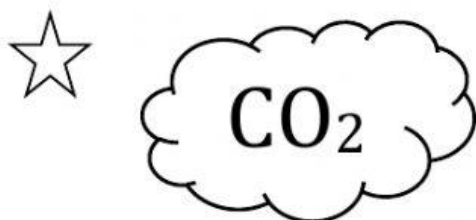
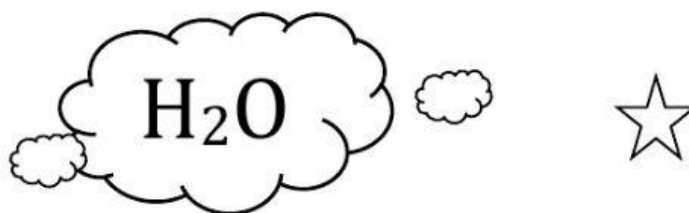
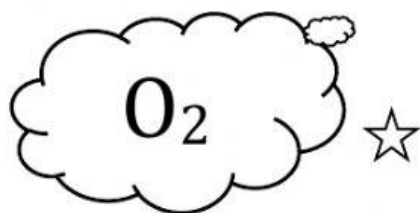
MATCHING

COLUMN A

COLUMN B

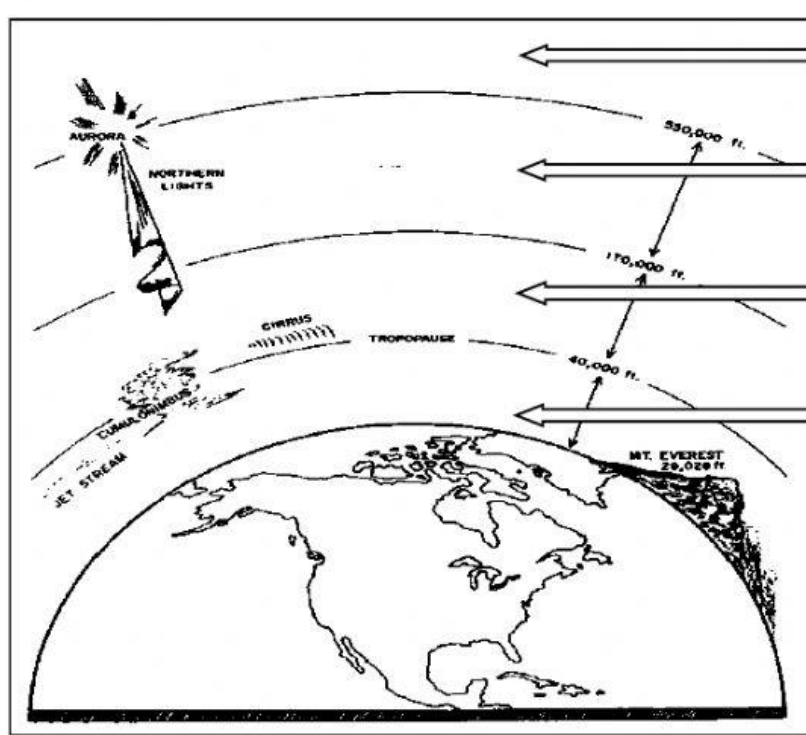
- _____ i. Oxygen
- _____ ii. Water Vapor
- _____ iii. Nitrogen
- _____ iv. Carbon Dioxide

- 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. Key features labeled include: AURORA (Northern Lights), CUMULONIMBUS, CIRRUS, JET STREAM, TROPOPAUSE, and MT. EVEREST (29,029 ft). Altitude markers are shown at 40,000 ft, 170,000 ft, and 550,000 ft. Four horizontal lines with arrows pointing left are numbered 1, 2, 3, and 4, corresponding to the layers of the atmosphere.

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 O_3 _____

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