

Inq. #5 & 6 Layers of the Atmosphere

What is air made of?

- _____ -78% Oxygen - 21%
- Water vapor - 4% _____ - 0.03%
- Argon - 0.9%

Does air exist?

- 1. _____ 2. Have _____.

How is the atmosphere organized?

- _____ layers based on _____ differences

Troposphere

- 1. _____ & thinnest
- 2. Up to _____ km
- 3. _____ % Earth's atmosphere
- 4. Almost all _____.
- 5. Temp drops _____ °C/km

Stratosphere

- 1. 16 - 50 km
- 2. Temp. _____
- 3. Contains _____ & _____ stream
- Ozone: form of _____ (O³)
- absorbs harmful _____

Mesosphere

- 1. 50-80 km
- 2. Temp. drops to _____ °C

Thermosphere

- 1. Up to 500km
- 2. Temp. rises to _____ °C
- 3. _____: charged particles reflect _____ waves
(AM)

Exosphere

- 1. Above 500km
- 2. Almost complete _____.
- 3. _____.

Air pressure _____ with _____.

The Atmosphere: A Diagram

Label A-E the main layers of the atmosphere. In the box, list the main characteristics of each layer.

