

Name: _____

Earth's Atmosphere Lecture Worksheet

The atmosphere has 4 main characteristics:

1. Flow from one place to another

When foreign _____ (smoke, dust, pesticides, chemicals) enter the _____ the atmosphere can _____ it considerable distances from the point of origin

2. Various Gases

The Atmosphere is made up of various gases

78% nitrogen

21% _____

0.93% argon

0.04% _____

Trace amounts of other gases, in addition to _____

3. Atmosphere Mass

- The Atmosphere has _____
- Fluids occupy _____ and have mass
- The _____ of air pushing down on the earth's surface is referred to as _____
- Air Pressure is affected by the heating and cooling of the earth's _____.
- Hot air _____, so the air pressure at higher elevations is _____ than that of the cool air at _____ elevations
- Air moves **from** areas of _____ pressure **to** areas of _____ pressure
- When air rises, it leaves _____ an area of _____ pressure, because the _____ moving air is not _____ so hard on the surface. Areas of high