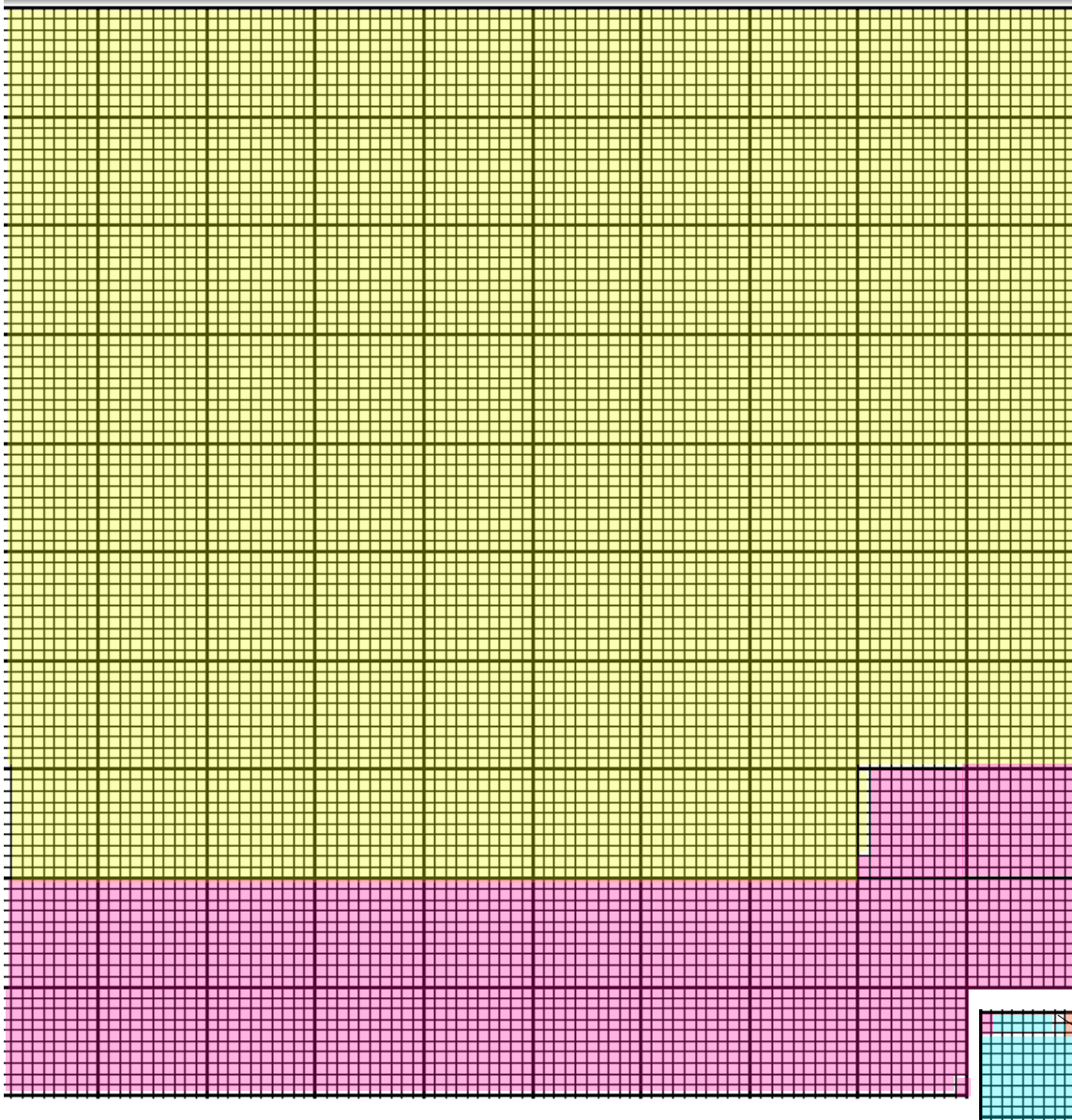



Atmospheric Composition of Clean Dry Air Activity Sheet Name: \_\_\_\_\_





Earth's Atmospheric Composition

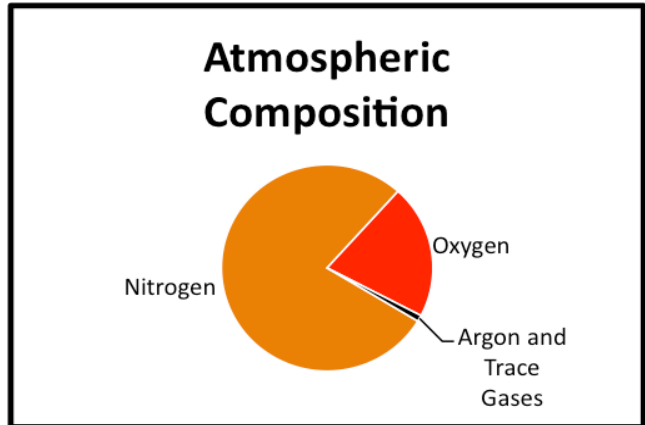


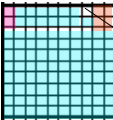
 → 1 Part in 100 or 1%

 → 1 Part in 10,000 or 0.01%

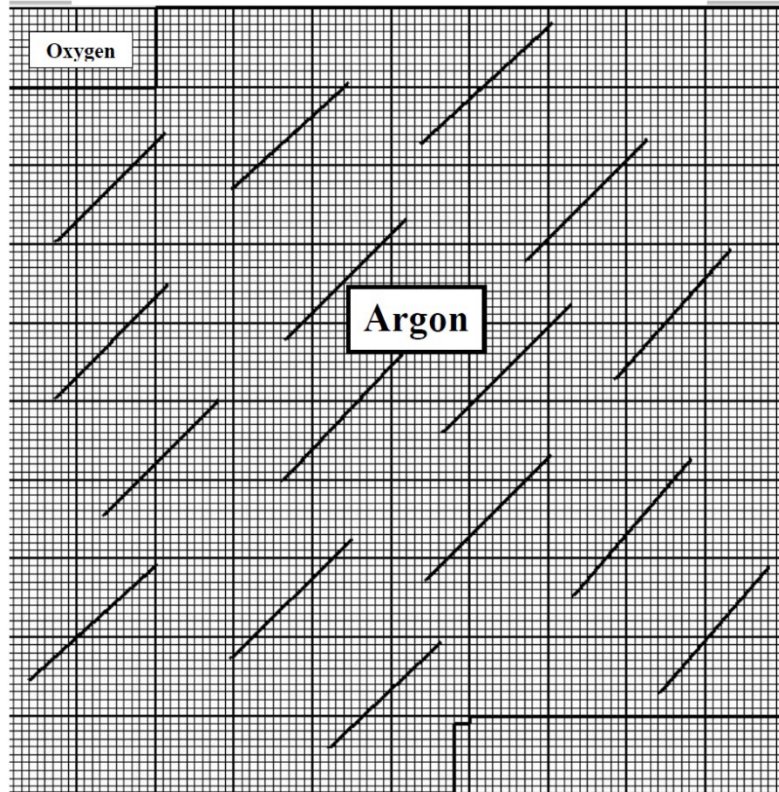
**Atmospheric Composition**

-  Nitrogen = 78.08% (780,805 ppm)
-  Oxygen = 20.94% (209,437 ppm)
-  Argon = 0.93% (9,340 ppm)
-  Trace Gases = 0.04% (418 ppm)



 (one leftover box)


Argon and Trace Gases










 → 100 Parts per million or 0.01%

 → 1 Part in 1,000,000 or 1ppm or 0.0001%

**Argon and Trace Gases**

 Argon = 9340 ppm

**Trace Gases**

-  Carbon Dioxide = 391 ppm
-  Neon = 18.2 ppm
-  Helium = 5.2 ppm
-  Methane = 1.8 ppm
-  Krypton = 1.1 ppm
-  Hydrogen = 0.5 ppm
-  Nitrous Oxide = 0.5 ppm
- Carbon Monoxide = 0.1 ppm
- Ozone = 0.07 ppm
- Nitrogen Dioxide = 0.03 ppm

*Enlarged for coloring purposes*

