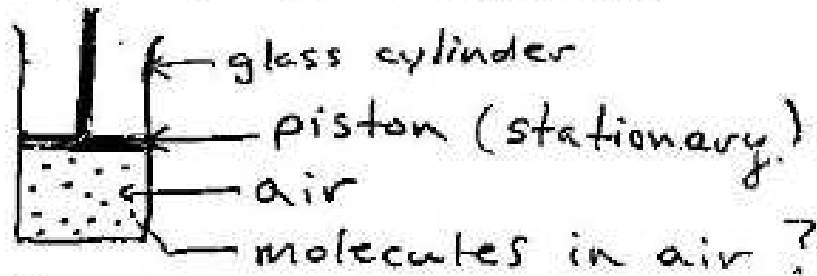


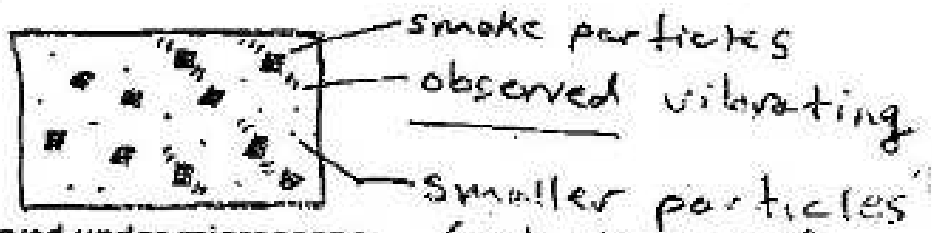
Video: Evidence for Atoms and Molecules (18 min.)

Briefly outline the evidence for atoms and molecules for the examples shown in this video. (You may use point form, diagrams.)

1. air piston



2. smoke chamber

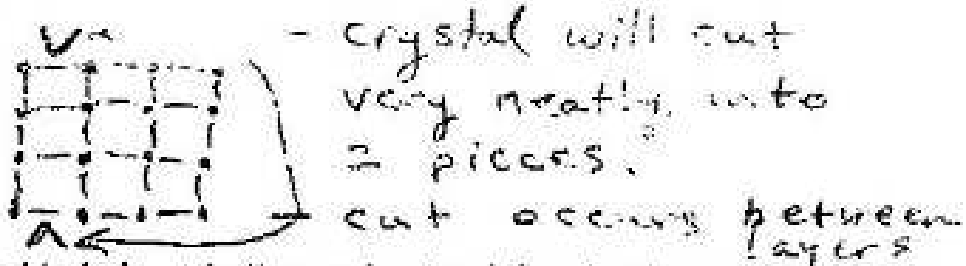


3. suspension observed under microscope

see above

(solid particles in water)

4. calcite crystal



What can be used to help us better understand the structure of the calcite crystal?

MODELS

What technologies help us gather evidence for the existence of atoms and molecules?

- x-ray diffraction
- electron microscope, microscope