### Effects:
- Increasing lake acidity (chronic acidity, acid dissolve aluminium affect availability of nutrients in soil) so lower pH levels and higher concentrations of aluminium toxic to fish → leaching of toxic metals; lower pH levels affects reproduction of aquatic animals, kill eggs and fishes)
- Damage to vegetation and forests (leaches essential metal nutrients, dying from nutrient deficiency) (soil erosion)
- Erosion of status and buildings that contain calcium carbonate (react readily with sulphuric acid to cause physical weathering of structures)

### Calculating gas volumes

| | Calculate volume of gases given masses of some substances in reactions, and calculate masses of substances given gaseous volumes, in reactions involving gases at 0 degree Celsius and 100 kPa or 25 degree Celsius and 100 kPa. | Standard temperature → 0 degree Celsius
N = V/22.71
Room temperature -25 degree Celsius
N= V/24.79 |