

Unit

3

Unit

4

Unit

5

Lesson 99 Avogadro's number

The number of particles in one mole
of any substance.

$$6.022 \times 10^{23} \text{ particles} = 1 \text{ mole}$$

If someone says "1.5 moles" then they
mean 9.03×10^{23} particles

This value is in honor of Amedeo Avogadro
His hypothesis, now a law, about gases
led to concept of the mole.