Number of moles of gas

How many moles are in 2000 L of the atmosphere at 373 K?

Number of moles of gas

How many moles are in 2000 L of the atmosphere at 373 K?

Solution:

$$n = \frac{PV}{RT} = \frac{(1\ atm)(2000\ L)}{(0.08206\ Latm/molK)(373\ K)}$$

$$n = 65.3\ moles$$