HW 1.

1. Problem 1.6

2. Problem 1.12

3. Short report for comparing the meteorology of Barrow Alaska and Rochambeau French Giuana in South America.

Practice writing equations.

The air density is given by the relationship

$ρ=\frac{P}{R\_{D}T}$ , (1)

where *P* is the air pressure, *RD* is the gas constant for dry air, and *T* is absolute temperature.