

NAME: _____

N_2 is contained in 4.85 L at a pressure of 5.40 atm and a temperature of 140.1 °C. How many moles of N_2 are there?

ANS: _____

NAME: _____

N_2 is contained in 1.85 L at a pressure of 7.56 atm and a temperature of 71 °C. How many moles of N_2 are there?

ANS: _____

NAME: _____

N_2 is contained in 7.76 L at a pressure of 5.94 atm and a temperature of $-18.3\text{ }^\circ\text{C}$. How many moles of N_2 are there?

ANS: _____

NAME: _____

N_2 is contained in 3.52 L at a pressure of 4.49 atm and a temperature of 11.8 °C. How many moles of N_2 are there?

ANS: _____

NAME: _____

N_2 is contained in 4.93 L at a pressure of 6.27 atm and a temperature of 32.6 °C. How many moles of N_2 are there?

ANS: _____

NAME: _____

N_2 is contained in 4.64 L at a pressure of 1.49 atm and a temperature of 103.8 °C. How many moles of N_2 are there?

ANS: _____

NAME: _____

N_2 is contained in 2.17 L at a pressure of 7.92 atm and a temperature of 30.8 °C. How many moles of N_2 are there?

ANS: _____

NAME: _____

N_2 is contained in 4.65 L at a pressure of 6.99 atm and a temperature of 2.4 °C. How many moles of N_2 are there?

ANS: _____

NAME: _____

N_2 is contained in 4.95 L at a pressure of 2.62 atm and a temperature of 103.8 °C. How many moles of N_2 are there?

ANS: _____

NAME: _____

N_2 is contained in 1.54 L at a pressure of 4.11 atm and a temperature of 148.3 °C. How many moles of N_2 are there?

ANS: _____

Homework for test 11 – ideal gas law

copy 111 0.7723 mol

copy 112 0.4952 mol

copy 113 2.2041 mol

copy 114 0.6759 mol

copy 115 1.2320 mol

copy 116 0.2235 mol

copy 117 0.6891 mol

copy 118 1.4375 mol

copy 119 0.4193 mol

copy 120 0.1830 mol