

Name: \_\_\_\_\_

Period: \_\_\_\_\_

Seat#: \_\_\_\_\_

**Directions:** Try these problems. If you can DO them, check the box (☑).

If you CANNOT do them, write some notes TO YOURSELF about what you need to study to succeed at these problems.

**Pressure Units**

Fill in the table:

atm	mmHg	kPa	torr	psi
1.00				

**Pressure Conversions**

Convert 725 mmHg into kPa.

Convert 745 torr into atm.

**Temperature Conversions & K.E.**

25.0°C = \_\_\_\_\_ K

What temp (in °C) has twice the KE as 127°C?

**Gas Law Problem**

A 75.5 mL sample of gas at 1.25 atm pressure is squeezed into a 10.0 mL container.  
What is its new pressure?

**Gas Law Problem**

A 2.50 L sample of gas is warmed from 20.0°C to 100°C. What is its new volume?

*Struggled? Got some wrong? Do some self-study!*