| Inside Cover | Costa's Levels <br> of THINKING <br> INB Score Sheet <br> Level 1 -Who, What, <br> Where, why, <br> How |
| :--- | :--- |
| Level 2 -Explain |  |
| Compare |  |
| Contrast |  |
| Level 3- Predict |  |
| Apply |  |
| Evaluate |  |


| Left Side | Right Side |
| :--- | :--- |
| OUTPUT | INPUT |
| - Summaries | -Notes |
| - I-pagers | - Whiteboard |
| Pictures |  |
| - Practice - |  |
| Problems | -Lab Notes |


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$\square$










| Practice Problems | $P, V, T, n$ Notes |
| :--- | :--- |
| $P, V \not \subset$ |  |
| See next |  |
| SLIDE |  |
| for Set-up |  |
|  |  |
| $P, T$ |  |
| 24 |  |



If a container has a volume of 2.0 L and a pressure of 1.5 atm , what is the new pressure if increase volume to 3.0L?

|  | $P$ | $V$ |
| :---: | :---: | :---: |
| Initial | $1.5^{\text {th }}$ | $2.02-$ |
| Final |  | $3.0 \downarrow$ |
| $E$ Effect | $\downarrow$ | $\uparrow$ |

Show work

$$
\begin{aligned}
1.5 \mathrm{~atm} \times \frac{2.0 \mathrm{~K}}{3.0 Y} & =\frac{3 \mathrm{~atm}}{3.0} \\
& =1 \mathrm{~atm} \\
1.5 \times \frac{3.0 \mathrm{~L}}{2.0}-\frac{4.5}{2} & =2.25
\end{aligned}
$$

1) Explain Problem (Introduce)
2) Explain Table
3) Explain Calculation
4) Does th: $s$ answer make sense?
