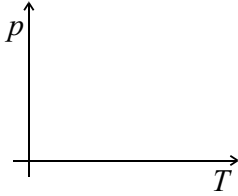
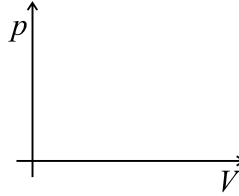
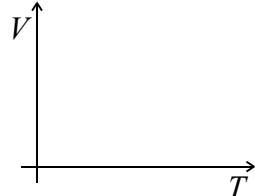
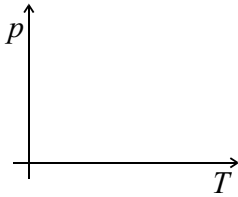
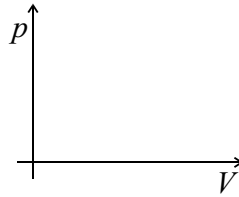
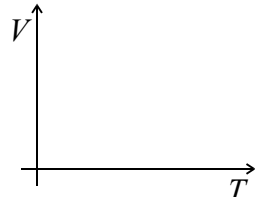


ACTIVITY: IDEAL GAS processes. Complete the table based on the videos of the experiments (see links).

EXPERIMEN T (NOTE: all experiments have air in the container)	List all physical quantities that are constant and write their values. Indicate any assumptions that you made.	Dependent variable	Independent variable	The mathematical relationship between the variables (Indep. vs dep.; use IGL)	Mass of air in the container (use IGL)	Graph $P(T)$ Label the states in order of appearance in the experiment (1,2,3..), qualitatively	Graph $P(V)$ Label the states in order of appearance in the experiment (1,2,3..), qualitatively	Graph $V(T)$ Label the states in order of appearance in the experiment (1,2,3..), qualitatively
1. https://youtu.be/vmpTGvvmc0o								
2. https://youtu.be/rXGvln8JIHs								
3. https://youtu.be/NSjharDGhxQ						