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$B = 3.19 \times 10^{-2} \text{ L Mol}^{-1}$ . Solved: = Problem 1 One Mol Of  $O_2(g)$  Undergoes A Transform ...For example, although oxygen can exist as ozone ( $O_3$ ), atomic oxygen (O), and molecular oxygen ( $O_2$ ),  $O_2$  is the most stable form at 1 atm pressure and  $25^\circ\text{C}$ . Similarly, hydrogen is  $H_2(g)$ , not atomic hydrogen (H). Graphite and diamond are both forms of elemental carbon, but because graphite is more stable at 1 atm pressure and  $25^\circ\text{C}$ , the ...5.7: Enthalpy of Formation - Chemistry LibreTexts

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