

1. F, T, T, F, T, F, T, F
2. -125.8
3. 0.736
4. same
PF₃
same
5. 6.60
6. -858.0
7. 31.1
8. C₃H₆
9. $\frac{1}{2}\text{Br}_2(l) + \frac{1}{2}\text{N}_2(g) + \frac{1}{2}\text{O}_2(g) \rightarrow \text{BrNO}(l)$
10. 6.01