

KEY

- 1. Kinetic
- 2. Always true
- 3. exothermic
- 4. A
- 5. C
- 6. C
- 7. A, D, E, F, H
- 8. D

13. $\Delta H: -127 \text{ kJ/mol}$
Released

14. $\Delta H: -1220 \text{ kJ/mol}$

15. $\Delta H: 15.3 \text{ kJ/mol}$

17. ~~17.~~ D > E > A > B > C > F

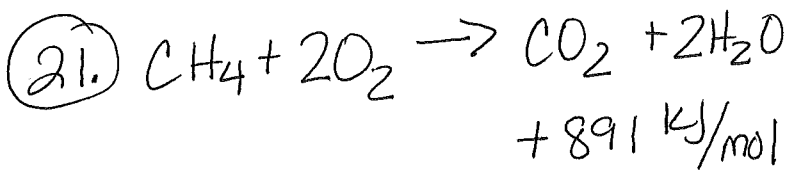
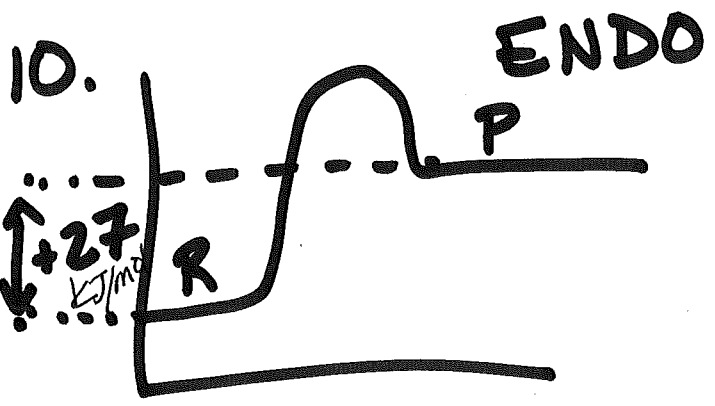
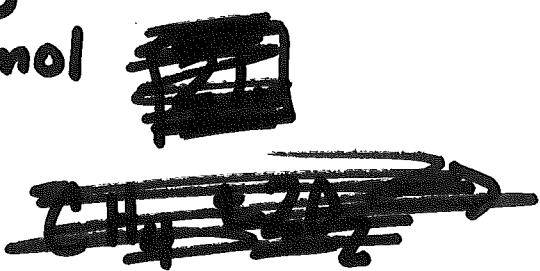
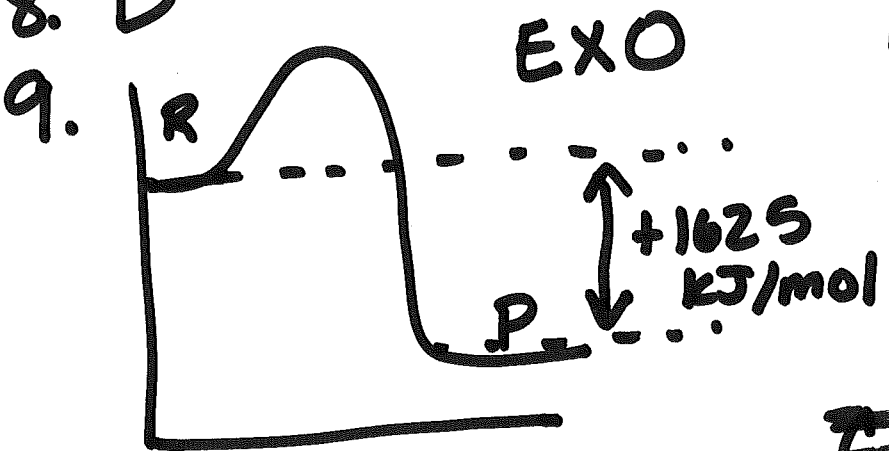
16. Specific Heat

18. $\Delta T: 8.13^\circ\text{C}$

$T_F: 19.5^\circ\text{C}$

19. 8484 J

20. .667 J/g°C



11. -544 kJ/mol Released

12. $\Delta H: -342 \text{ kJ/mol}$ Released.