

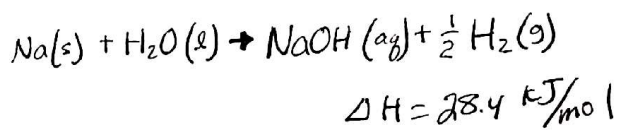
Team Name: Key 3 of 3
Team Members: Andy H

Only this sheet will be graded. Work shown on Lab Sheet and Test will be used for tie-breakers.

LAB

1. 19.50-20.50 g Baking Soda (NaHCO_3)
2. 2321-2440 mol Baking Soda (NaHCO_3)
3. 183.75 g Vinegar
4. 9.20 g Acetic Acid
5. 153. mol Acetic Acid
6. Acetic Acid
7. 6.74 g CO_2 (or 6.73g)
8. 4 L CO_2
9. ~8.00-9.50g Baggie
10. Varies: Approx- 206.00-210.00g
11. Varies: ~4.00g-8.00g
12. Varies

14. + 30 kJ
15. 2.5 $\frac{\text{J}}{\text{g}^\circ\text{C}}$
16. No
- 17.



18. A
19. C
20. C
21. D
22. C
23. B
24. A
25. C

WRITTEN

1. B
2. A
3. B
4. A
5. B
6. C
7. A
8. D
9. C
10. D
11. A
12. A
13. exothermic, below 0°C

26. A
27. B
28. B
29. B
30. A
31. 60°C
32. 30 kJ
33. solid
34. 16 L
35. 1.3 L
36. 0.033 mol