

LABORATORY REPORT SHEET

Name _____ Date _____ Section _____

Lab Partner's Name _____

Trial	1	2	3	4	5	6	7	8
Vol. H ₂ O(mL)	<u>35.00</u>	<u>30.00</u>	<u>25.00</u>	<u>20.00</u>	<u>15.00</u>	<u>10.00</u>	<u>5.00</u>	<u>0.00</u>
Vol. Vinegar(mL)	<u>0.00</u>	<u>5.00</u>	<u>10.00</u>	<u>15.00</u>	<u>20.00</u>	<u>25.00</u>	<u>30.00</u>	<u>35.00</u>
Mass Beaker + solution (g)	_____	_____	_____	_____	_____	_____	_____	_____
Mass antacid tablet (g)	_____	_____	_____	_____	_____	_____	_____	_____
Total Mass (g) (before rxn)	_____	_____	_____	_____	_____	_____	_____	_____
Total Mass (g) (after rxn)	_____	_____	_____	_____	_____	_____	_____	_____
Mass CO ₂ (g)	_____	_____	_____	_____	_____	_____	_____	_____
Mole CO ₂	_____	_____	_____	_____	_____	_____	_____	_____
Mole NaHCO ₃	_____	_____	_____	_____	_____	_____	_____	_____
Mass NaHCO ₃ (g)	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
mass % NaHCO ₃	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
in a tablet	_____	_____	_____	_____	_____	_____	_____	_____

Remember to hand-in your plot of the volume of vinegar vs the mass % NaHCO_3 used for each trial.