

RESULTS		WEIGHT
Appropriately represents data and results with correct construction and formatting (Table 1 – contains eighteen balanced reactions with physical states and the description of the reaction in sentence form) e.g. $\text{NaCl (aq)} + \text{AgNO}_3 \text{ (aq)} \rightarrow \text{AgCl (s)} + \text{NaNO}_3 \text{ (aq)}$ Aqueous sodium chloride reacted with aqueous silver nitrate to form solid silver chloride and aqueous sodium nitrate	A B C D F	/18
Comments:		/18
DISCUSSION		WEIGHT
Contains two well-developed paragraphs	A B C D F	/1
Concisely discusses and accurately interprets all important trends and data comparisons (i.e. discuss types of reactions used to prepare the atmospheric gases investigated, and discuss the types of measurements used to compare reactivity and acidity/basicity of oxide products)	A B C D F	/3
Draws clear connections in a concise manner between experimental work and theories and/or principles that explain the work (i.e. describe the trend in the acidity of oxide compounds based on the metallic or non-metallic nature of the central atom, and answer question about reactivity differences among carbon dioxide, sulfur dioxide and nitrogen dioxide.)	A B C D F	/2
States all important conclusions clearly	A B C D F	/1
Comments:		/7