**Stoichiometry: Limiting and Excess: Quiz 5c**

**Make sure to SHOW ALL WORK, INCLUDE UNITS and correct SIG FIGS!**

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*For the following please include a BALANCED EQUATION*

1. Sulfur (S8) reacts with oxygen to produce sulfur trioxide gas. *If 6.30 g of sulfur reacts with 7.00 L of oxygen gas at STP, what is the limiting reactant?* **How many grams of sulfur trioxide will be produced from this reaction?**

Answers:



