**Stoichiometry: Percent Yield/Percent Purity: Quiz 6b**

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

*For the following please include a BALANCED EQUATION*

1. The roasting of iron (II) carbonate produces iron (III) oxide:

FeCO3 + O2 🡪 Fe2O3 + CO2

What mass of iron (II) carbonate with a purity of 62.8% is needed to make 1.00 kg of iron (III) oxide?

Answers:



