## Stoichiometry Quiz #2

1. What mass of lithium carbonate can be formed from 22.9 g of lithium chloride when reacted with adequate sodium carbonate.

LiCl + 
$$Na_2CO_3$$
  $\rightarrow$   $Li_2CO_3$  +  $NaCl$ 

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2. For the following reaction, determine the mass of  $Fe_2O_3$  that can form from 250 g of  $Fe_3O_4$ . What mass of carbon monoxide would form along with  $Fe_2O_3$ 

$$2Fe_3O_4$$
 +  $CO_2$   $\rightarrow$   $3Fe_2O_3$  +  $CO$ 

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