**Mini-quiz 23 Chem 1013 Friday 2 May 2014 4 pts**

**Your name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

44 32 44 18 g/mol

For the reaction: C3H8 + 5O2 🡪 3CO2 + 4H2O

8.000 g C3H8 and 8.888 g O2 are combined in the above, balanced reaction

1. What is the limiting reagent ? C3H8 O2 (circle choice)
2. How many grams of H2O can be formed from 8.000 g C3H8 and 8.888 g O2 ? (show work)\_

\_\_\_\_\_\_\_ g H2O

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