**Chem 1013: mini-quiz # 5: Reading a chemical sentence**

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

Consider the proposed reaction:

C3H8(g) + 5O2(g) 🡪 3CO2(g) + 4H2O(l)

a) C3H8 is a: REACTANT PRODUCT (circle choice)

b) How many CO2 molecules are created above ? \_\_3\_\_\_\_\_\_\_\_

c) How many oxygen atoms are found on the product side ? \_\_10\_\_\_

d) How many oxygen molecules are reacted ?\_\_\_\_5\_\_\_\_\_\_

e) Which compound is in liquid form above? \_\_\_H2O\_\_\_\_\_\_\_

f) Is the proposed reaction above balanced ? YES NO