

NO CREDIT IF YOU: Fail to put in the Units & Properly Round, Fail to show ALL math work

Max Grade: 100 points

PRINT NAME ON LINE _____

CHECK CORRECT BOX OR LOOSE 20 PTS **Test End time** _____

Wed Afternoon Lab **Test Start time** _____

Wed Evening Lab **Test Elapsed time** _____

(20 pt) 1. What is the molecular weight of Ethanol, C₂H₆O [add up the mw's of each atoms]

2 C = 2 * 12.01 =

6 H = 6 * 1.008 =

1 O = 1 * 16 =

(20 pt) 2. How many seconds are in 24 hours?

(15 pt) 3. When you cook an egg, part of the egg goes from colorless to white. Is this a Chemical or Physical Change?

(15 pt) 4. Dry Ice is a white solid material that is very cold. If you let Dry Ice sit in the sun, it disappears. Is this a Chemical or Physical Change?

(15 pt) 5. Can you separate salt from pepper using distillation?

(15 pt) 6. Is a bacon, egg and hash brown breakfast sitting on a plate a Heterogeneous or a Homogenous Mixture?

(1pt) DID YOU CHECK FOR SIGNIFICANT DIGITS _____ **Yes** _____ **No**

(1 pt) DID YOU CHECK FOR PROPER UNITS _____ **Yes** _____ **No**

(1 pt) How do you rate this test from 1 to 10 _____

1 = Very Easy, can do it with my eyes closed, 10= Very Very Difficult, could not do any of the problems

