

### SIMPLE ORGANIC COMPOUNDS

PART A: DIRECTIONS – Write the names of the compounds for the following formulas.

1.  $\text{CH}_4$  \_\_\_\_\_ *methane* \_\_\_\_\_
2.  $\text{C}_2\text{H}_6$  \_\_\_\_\_ *ethane* \_\_\_\_\_
3.  $\text{C}_3\text{H}_6$  \_\_\_\_\_ *propene* \_\_\_\_\_
4.  $\text{C}_4\text{H}_6$  \_\_\_\_\_ *butyne* \_\_\_\_\_
5.  $\text{C}_5\text{H}_{12}$  \_\_\_\_\_ *pentane* \_\_\_\_\_
6.  $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_3$  \_\_\_\_\_ *butane* \_\_\_\_\_
7.  $\text{CH}_3\text{CHCHCH}_2\text{CH}_3$  \_\_\_\_\_ *2-pentene* \_\_\_\_\_
8.  $\text{CH}_2\text{CH}_2$  \_\_\_\_\_ *ethene* \_\_\_\_\_
9.  $\text{CH}_3\text{CHCH}_2$  \_\_\_\_\_ *propene* \_\_\_\_\_
10.  $\text{CH}_3\text{CCCH}_2\text{CH}_3$  \_\_\_\_\_ *2-pentyne* \_\_\_\_\_

PART B: DIRECTIONS – Write the formulas for the following compounds.

11. ethene \_\_\_\_\_  *$\text{C}_2\text{H}_4$*  \_\_\_\_\_
12. propyne \_\_\_\_\_  *$\text{C}_3\text{H}_4$*  \_\_\_\_\_
13. 1-butene \_\_\_\_\_  *$\text{C}_4\text{H}_8$*  \_\_\_\_\_
14. ethane \_\_\_\_\_  *$\text{C}_2\text{H}_6$*  \_\_\_\_\_
15. propene \_\_\_\_\_  *$\text{C}_3\text{H}_6$*  \_\_\_\_\_
16. methane \_\_\_\_\_  *$\text{CH}_4$*  \_\_\_\_\_
17. 2-butyne \_\_\_\_\_  *$\text{C}_4\text{H}_6$*  \_\_\_\_\_
18. 1-pentene \_\_\_\_\_  *$\text{C}_5\text{H}_{10}$*  \_\_\_\_\_
19. 2-pentyne \_\_\_\_\_  *$\text{C}_5\text{H}_8$*  \_\_\_\_\_
20. 3-heptene \_\_\_\_\_  *$\text{C}_7\text{H}_{14}$*  \_\_\_\_\_