Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hour: \_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Chemistry: *Alkenes***

*If given a name, provide the structure. If given a structure or formula, provide the name.*

1. 6. 6-chloro-3-heptene

2. 2,3-difluorocyclobutene 7. 3-bromo-1-propene

3. 8. 5-ethyl-1-octene

4. 3-nonene 9. 6-ethyl-3-octene

**Br**

**Cl**

5. 10. 4-ethylcycloheptene

11. 2-methyl-2-butene 16. 3-iodo-1-cyclohexene

12. 17. 2,4-heptadiene

**Br**

13. CH2CHCH3 18.

14. 19. CH3(CH)2C(CH3)3

15. 4,6-diethyl-3,6-decadiene 20.

Name: \_\_\_\_\_\_\_\_\_\_\_**KEY**\_\_\_\_\_\_\_\_\_\_\_\_\_

Hour: \_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Chemistry: *Alkenes/Alkynes***

*If given a name, provide the structure. If given a structure or formula, provide the name.*

1. 6. 6-chloro-3-heptyne

**F**

**NO2**

2. 2,3-difluorocyclobutene 7.

3. 8. 7-amino-5-ethyl-1-octene

4. 3-nonene 9. 6-ethyl-3-octene

**Br**

**Cl**

5. 10. 4-ethylcycloheptyne

11. 2-methyl-2-butene 16.

12. 17. 2,4-heptadiene

**Br**

13. CH2CHCH3 18.

14. 19. CH3(CH)2C(CH3)3

15. 4,6-diethyl-3,6-decadiene 20.