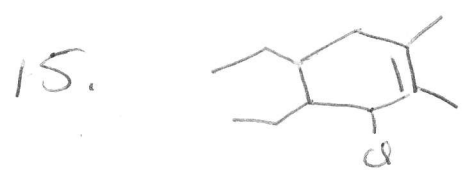
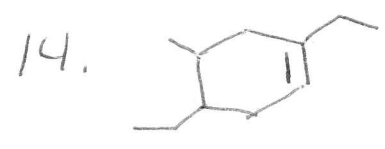
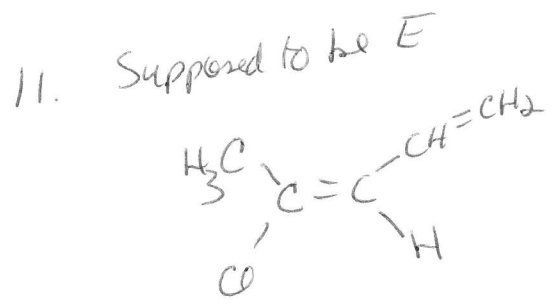
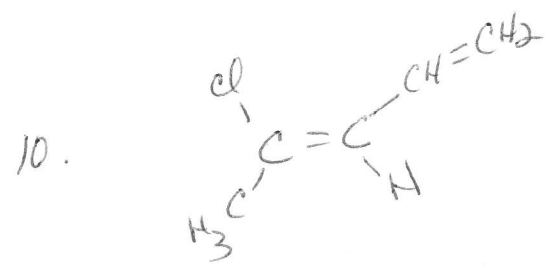
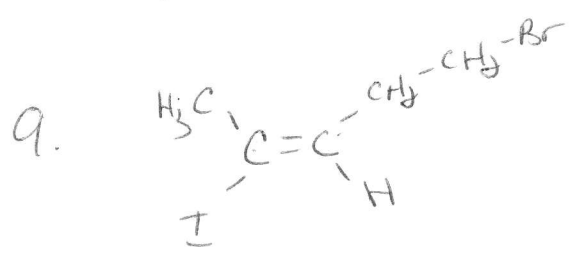
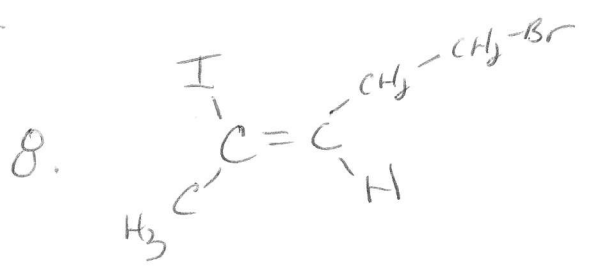
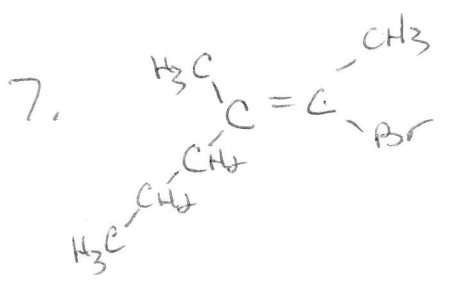
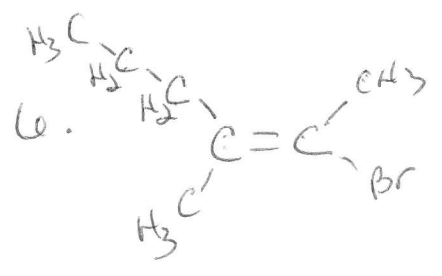
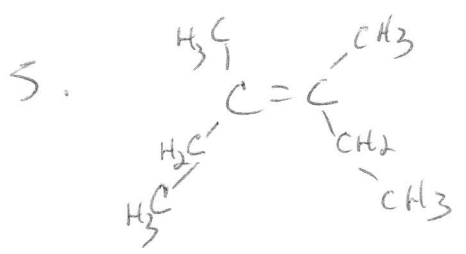
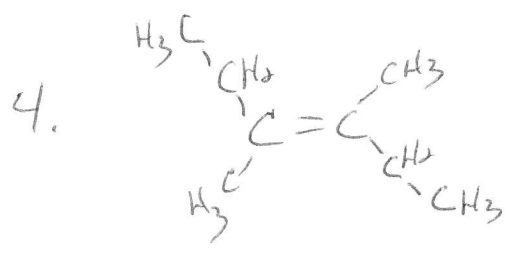
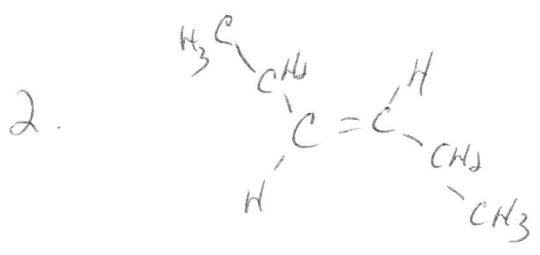
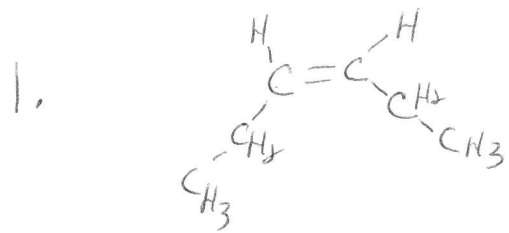
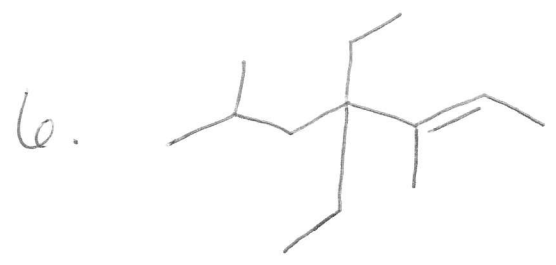


# Naming + drawing alkenes

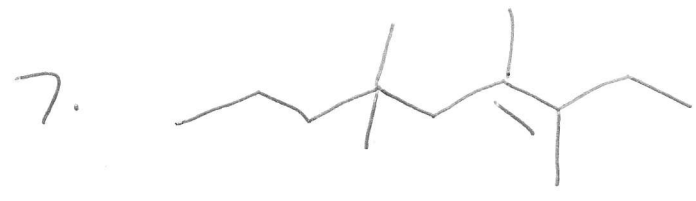
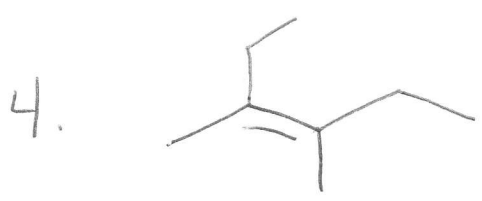


1. 3-methyl-1,3-pentadiene
2. 2-methyl-1-butene
3. written wrong!
4. 3,4-dimethyl-3-hexene
5. 3,5-Dimethyl-1,3,5-heptatriene
6. 4,4-diethyl-3,6-dimethyl-2-heptene
7. 3,4,6,6-tetramethyl-3-nonene

NO cis, trans



3. written wrong!



When I have to go from condensed formula to naming I always make skeletal structures first! Then it is easier to name.

## Naming

1. (Z)-4-ethyl-3-methyl-3-heptene
2. 2,3-dimethyl-2-butene
3. (E)-4-bromo-3-methyl-3-heptene
4. (Z)-3-bromo-4-methyl-3-hexene
5. (E)-2-chloro-3-iodo-2-pentene
6. 1-bromo-1-chloro-2-ethyl-1-butene
7. (Z)-1-bromo-1-iodo-2-nitro-1-propene
8. 1,5-dimethylcyclopentene
9. 3-bromo-1,5-dimethylcyclopentene
10. 1,2-dimethylcyclopentene
11. 1-chloro-2-iodocyclopentene
12. 4-methylcyclohexene
13. 3-methyl-1,4-cyclohexadiene
14. (Z)-1-chloro-3-ethyl-4-methyl-3-hexene
15. (Z)-2-bromo-3-ethyl-2-heptene
16. (E)-3,7-dimethyl-1,3,6-octatriene