

**OCHEM - Ch 5 Nomenclature Test**

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

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

1

12

Draw the bond-line structure for the given name:

2-hydroxy-3-isopropyl-4-methylheptan-1-al

Draw the bond-line structure for the given name:

2-hydroxy-3-isopropyl-4-methylheptan-1-al

2

12

Draw the bond-line structure for the given name:

2-amino-3,3,4,5-tetramethylcyclohexan-1-one

Draw the bond-line structure for the given name:

2-amino-3,3,4,5-tetramethylcyclohexan-1-one

3

12

Draw the bond-line structure for the given name:

*cis*-5-chloro-6-fluoro-5,6-dimethyloct-2-ene

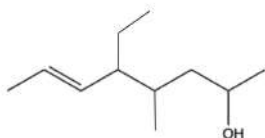
Draw the bond-line structure for the given name:

*cis*-5-chloro-6-fluoro-5,6-dimethyloct-2-ene

4

14

Completely name and number the molecule, using the IUPAC system



---

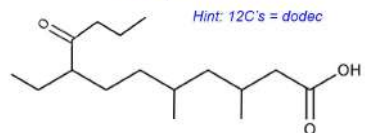
---

---

5

14

Completely name and number the molecule, using the IUPAC system



---

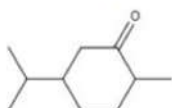
---

---

6

14

Completely name and number the molecule, using the IUPAC system



---

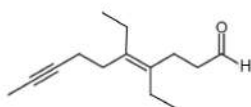
---

---

7

14

Completely name and number the molecule, using the IUPAC system



---

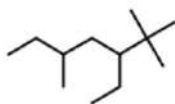
---

---

8

12

Completely name and number the molecule,  
using the IUPAC system



---

---

---