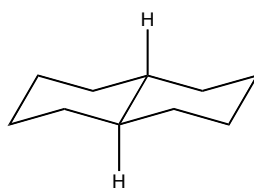
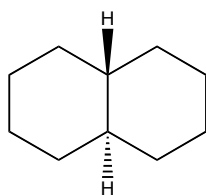
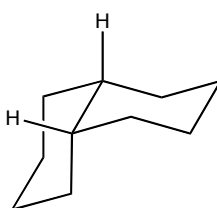
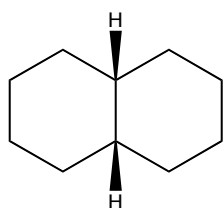
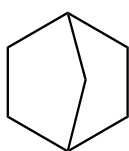


**Examples of Basic Bicyclic Compounds:****trans-Decalin: ( $C_{10}H_{18}$ )**

Stereoisomers

**cis-Decalin:**

2 degrees of unsaturation



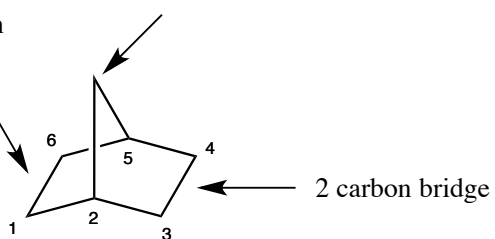
norbornane

 $C_7H_{12}$ 

Degrees of unsaturation: 2

2 carbon  
bridge

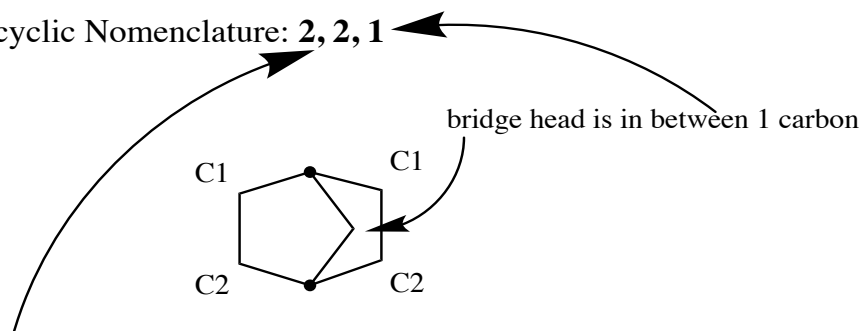
1 carbon bridge



2 bridge head carbons (2 and 5)

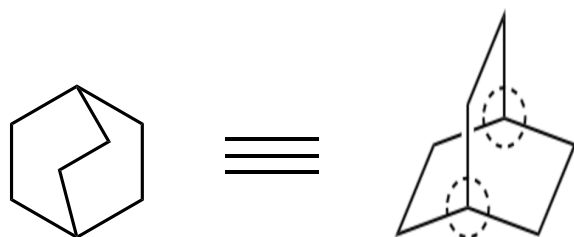
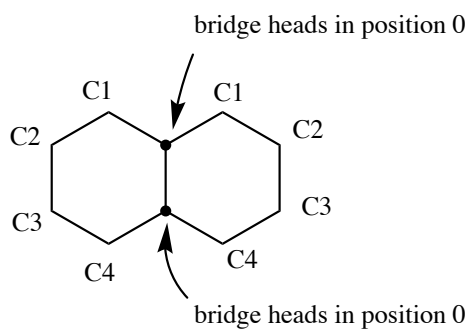
6 membered ring in a boat conformation

Bicyclic Nomenclature: **2, 2, 1**

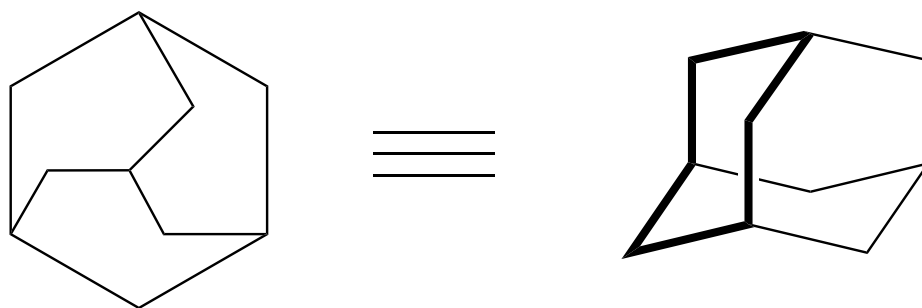


there are two sets of two carbons (C1, C2) on both sides of the bridge head, hence, 2, 2

Bicyclic Nomenclature: **4, 4, 0**



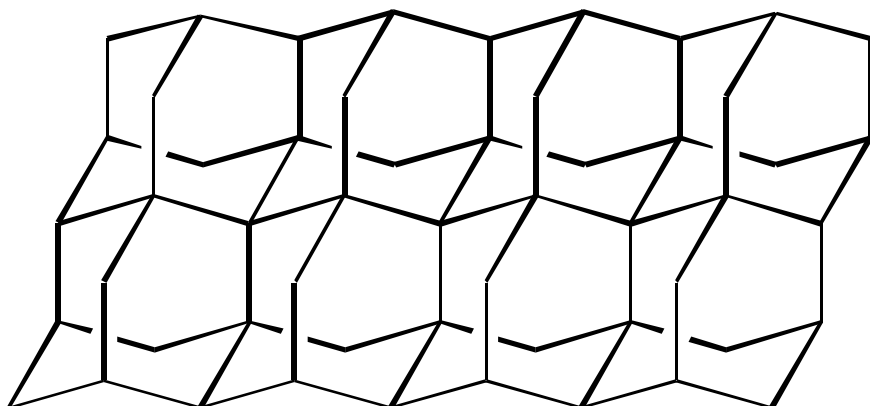
A tricyclic compound:



Adamantane

- This will be the basic structure of diamond

**Diamond:**



**Steroids:**

