# [http://www.clker.com/cliparts/a/1/c/0/131541680810864750503d%20octane%20molecule.png](http://www.google.com/url?sa=i&rct=j&q=molecules+clipart&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http%3A%2F%2Fpixgood.com%2Fmolecule-clipart.html&ei=HMM_Vea0DMOqyASWs4DoDg&psig=AFQjCNGXgJZLquh8g9KFAz_4Bk-4uDcgbw&ust=1430328475362076)Naming Complex Hydrocarbons (TABLE R)

Use the molecular models around the room to fill in the table below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Structural Formula** | **Condensed Structural Formula** | **Draw Functional Group** | **Class of Compound** |
| 1 |  |  |  |
| 2 |  |  | [http://images.clipartpanda.com/embryo-clipart-molecule.png](http://www.google.com/url?sa=i&rct=j&q=molecules+clipart&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http%3A%2F%2Fpixshark.com%2Fscience-molecules-clipart.htm&ei=XMI_VZrcD4qayQTz34CoDQ&bvm=bv.91665533,d.aWw&psig=AFQjCNH4BIj0iJRXcD1Eemlk7DeRkHjxWA&ust=1430328283231440) |
| 3 |  |  |  |
| [http://images.clipartpanda.com/embryo-clipart-molecule.png](http://www.google.com/url?sa=i&rct=j&q=molecules+clipart&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http%3A%2F%2Fpixshark.com%2Fscience-molecules-clipart.htm&ei=XMI_VZrcD4qayQTz34CoDQ&bvm=bv.91665533,d.aWw&psig=AFQjCNH4BIj0iJRXcD1Eemlk7DeRkHjxWA&ust=1430328283231440)  4 |  |  |  |
| 5 |  |  |  |
| 6 |  | [http://images.clipartpanda.com/embryo-clipart-molecule.png](http://www.google.com/url?sa=i&rct=j&q=molecules+clipart&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http%3A%2F%2Fpixshark.com%2Fscience-molecules-clipart.htm&ei=XMI_VZrcD4qayQTz34CoDQ&bvm=bv.91665533,d.aWw&psig=AFQjCNH4BIj0iJRXcD1Eemlk7DeRkHjxWA&ust=1430328283231440) |  |
| 7 |  |  |  |
| [http://images.clipartpanda.com/embryo-clipart-molecule.png](http://www.google.com/url?sa=i&rct=j&q=molecules+clipart&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http%3A%2F%2Fpixshark.com%2Fscience-molecules-clipart.htm&ei=XMI_VZrcD4qayQTz34CoDQ&bvm=bv.91665533,d.aWw&psig=AFQjCNH4BIj0iJRXcD1Eemlk7DeRkHjxWA&ust=1430328283231440)  8 |  |  |  |
| 9 |  |  |  |
| 10 |  | [http://images.clipartpanda.com/embryo-clipart-molecule.png](http://www.google.com/url?sa=i&rct=j&q=molecules+clipart&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http%3A%2F%2Fpixshark.com%2Fscience-molecules-clipart.htm&ei=XMI_VZrcD4qayQTz34CoDQ&bvm=bv.91665533,d.aWw&psig=AFQjCNH4BIj0iJRXcD1Eemlk7DeRkHjxWA&ust=1430328283231440) |  |
| 11 |  |  |  |
| 12 | [http://images.clipartpanda.com/embryo-clipart-molecule.png](http://www.google.com/url?sa=i&rct=j&q=molecules+clipart&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http%3A%2F%2Fpixshark.com%2Fscience-molecules-clipart.htm&ei=XMI_VZrcD4qayQTz34CoDQ&bvm=bv.91665533,d.aWw&psig=AFQjCNH4BIj0iJRXcD1Eemlk7DeRkHjxWA&ust=1430328283231440) |  |  |
| 13 |  |  |  |
| 14 |  |  | [http://images.clipartpanda.com/embryo-clipart-molecule.png](http://www.google.com/url?sa=i&rct=j&q=molecules+clipart&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http%3A%2F%2Fpixshark.com%2Fscience-molecules-clipart.htm&ei=XMI_VZrcD4qayQTz34CoDQ&bvm=bv.91665533,d.aWw&psig=AFQjCNH4BIj0iJRXcD1Eemlk7DeRkHjxWA&ust=1430328283231440) |
| 15 |  |  |  |
| [http://images.clipartpanda.com/embryo-clipart-molecule.png](http://www.google.com/url?sa=i&rct=j&q=molecules+clipart&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http%3A%2F%2Fpixshark.com%2Fscience-molecules-clipart.htm&ei=XMI_VZrcD4qayQTz34CoDQ&bvm=bv.91665533,d.aWw&psig=AFQjCNH4BIj0iJRXcD1Eemlk7DeRkHjxWA&ust=1430328283231440)  16 |  |  |  |
| 17 |  |  |  |