**Quiz 3b: Alkenes and Alkynes**

/5

Name the following Alkenes and Alkynes:

|  |  |
| --- | --- |
| 1.
 |  |
| 1.
 |  |

Draw the following Alkenes and Alkynes:

|  |  |
| --- | --- |
| 1. 2,3-dimethyl-2-pentene
 |  |
| 1. 3,4-dimethyl-1-heptyne
 |  |

**What is wrong with the name of the following organic structure?**

|  |  |
| --- | --- |
| 1. 4-heptyne
 |  |

Name the following Alkenes and Alkynes:

|  |  |
| --- | --- |
| 1.
 | **2-****methyl-2-butene** |
| 1.
 | **2,5-dimethyl-3-hexene** |

Draw the following Alkenes and Alkynes:

|  |  |
| --- | --- |
| 1. 2,3-dimethyl-2-pentene
 |  |
| 1. 3,4-dimethyl-1-heptyne
 |  |

**What is wrong with the name of the following organic structure?**

|  |  |
| --- | --- |
| 1. 4-heptyne
 |  |

**\*Should be 3-heptyne!**