**Quiz 3b: Alkenes and Alkynes**

/5

Name the following Alkenes and Alkynes:

|  |  |
| --- | --- |
|  |  |
|  |  |

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:

|  |  |
| --- | --- |
|  | **2-****methyl-2-butene** |
|  | **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!**