**Pracovní list: Názvosloví nasycených uhlovodíků**

|  |  |
| --- | --- |
| **1.** propan | **2.** 2,2-dimethylbutan |

|  |  |  |  |
| --- | --- | --- | --- |
| **3.** | H | **4.** |  2,3,4-trimethylpentan |
|  | | |  |  |
|  | H–C–H |  |  |
|  | | |  |  |
|  | H |  |  |
|  |  |  |
| **5.** 2,2-dimethylpropan | **6.** |  CH3 – CH3 |

|  |  |
| --- | --- |
| **7.** 2-methylpropan | **8.** 2,2,3,3-tetramethylpentan |

|  |  |  |
| --- | --- | --- |
| **9.** CH3–CH–CH–CH3 | **10.** |  CH3 – |
|  | | | |  |  |
|  CH3 |  CH3 |  |  |
|  |  |  |
| **11.** CH3(CH2)6CH3 | **12.** |  3-ethylheptan |

|  |  |
| --- | --- |
| **13.** cyklobutan | **14.** pentan |

|  |  |
| --- | --- |
| **15.** 2,2,3.4-tetramethylhexan | **16.** CH3(CH2)8CH3 |



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| **17.** CH3(CH2)4CH3 | **18.**  |

|  |  |
| --- | --- |
| **19.** CH3– CH2– CH2– CH3 | **20.** 2,2,3-trimethylbutan |

|  |  |
| --- | --- |
| **21.** 3-ethyl-4-methylhexan | **22.** methan |

|  |  |
| --- | --- |
| **23.** CH3(CH2)7CH3 | **24.** CH3– CH2– |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **25.** |  C4H10 |  nerozvětvený  | **26.** |  CH3–CH–CH2–CH–CH3 |
|  |  |  |  |  | |  | |
|  |  |  |  | CH3 |  CH3 |
|  |  |  |  |  |
| **27.** |  3,3-diethylpentan |  | **28.** |  CH3− CH − CH− CH2 −CH3 |
|  |  |  |  |  │ | │ |
|  |  |  |  |  CH3 | CH3 |
|  |  |  |
| **29.** |  CH3–CH2–CH–CH–CH2–CH3 | **30.** 3-**e**thyl-2-**m**ethylpentan !! abecedně zbytky!! |
|  |  │ | │ |  |  |  |
|  |  CH3 |  CH3 |  |  |  |
|  |  |  |  |  |  |
| **31.** |  |  | **32.** |  C6H12 |  nerozvětvený |



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **!33.** |  CH3 − CH − CH2 | − CH − CH2 − CH3 | **34.** |  2,5-dimethylhexan |
|  |  │ |  │ |  |  |
|  |  CH3 |  CH2 |  |  |
|  |  |  │ |  |  |
|  |   |  CH3 |  |  |
| **35.** |  3,4-diethylhexan |  | **36.** |  CH3(CH2)5CH3 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **37.** propyl | **38.** |  H | H |  H |
|  |  |  | | | | | |
|  |  | H–C–C–C–H |
|  |  |  | | | | | |
|  |  |  H | H | H |
|  |  |  |  |
| **39.** 3,3-dimethylpentan | **40.** C9H20 |  |  nerozvětvený |

Mi

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