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| --- | --- | --- | --- | --- |
|  Methanol | CH3OH |   |   |   |
| Urea2 springs | NH2CONH2 |   |   |   |
| Amino acid2 springs | NH2C2H2OOH |   |   |   |

 Use the above molecules to help you solve the following chemical reactions. Draw the chemical and name the missing chemical. Think about whether any atoms have been lost or gained in each reaction. Start by creating ball and stick molecules and use your models to predict and name the finishing molecules.

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| 2 water + 1 Carbon dioxide → Methane + 2O2 |
| Ethane + Water → ? + Hydrogen Gas |

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