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| ***Kód:***  | ***Ch4aF4a000000h2101r*** | ***(31. SLUNEČNÍ ELEKTRÁRNA)*** | 02h |

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| 1 |  | 2 |  | 3 |  | 4 |  | 5 |  | 6 |
| **H** | **Y** | **D** | **R** | **O** | **G** | **E** | **N** | **I** | **U** | **M** |
| E |  | A |  | S |  | R |  | N |  | A |
| L |  | L |  | M |  | B |  | D |  | N |
| I |  | T |  | I |  | I |  | I |  | G |
| U |  | O |  | U |  | U |  | U |  | A |
| M |  | N |  | M |  | M |  | M |  | N |

Tajenka: HYDROGENIUM (vodík)

Legenda:

Řešení úkolů:

1. 6,3 · 1014 J = 6,3 · 1011 kJ = 6,3 · 108 MJ
2. 5 700 K = 5 426,85 °C t (°C) = T (K) − 273,15
3. a) H2 + Cl2 → 2 HCl (chlorovodík)

b) 2 H2 + O2 → 2 H2O (voda)

c) 3 H2 + N2 → 2 NH3 (amoniak)

d) H2 + S → H2S (sulfan)