**ВЫПОЛНИТЕ ВЫЧИСЛЕНИЯ И ЗАПОЛНИТЕ ТАБЛИЦУ**

**Вариант І**

|  |  |  |  |
| --- | --- | --- | --- |
|  | NaCl | CO2 | H2SO4 |
| *m*, г | **146,25** |  |  |
| *M*, г/моль |  |  |  |
| ν, моль |  |  | **2** |
| *N*, частиц |  |  |  |
| *V*, л | - | **11,2** | - |
| *Dвоздух* | - | 1,5 | - |

**Вариант ІІ**

|  |  |  |  |
| --- | --- | --- | --- |
|  | SO2 | Al(OH)3 | CuО |
| *m*, г |  |  |  |
| *M*, г/моль |  |  |  |
| ν, моль |  |  |  |
| *N*, частиц |  | **30,1·1023** |  |
| *V*, л | **44,8** | - | - |
| *D o2* | 2 | - | - |

**Вариант ІІІ**

|  |  |  |  |
| --- | --- | --- | --- |
|  | CaCO3 | CO | HCl |
| *m*, г | **150** |  |  |
| *M*, г/моль |  |  |  |
| ν, моль |  |  |  |
| *N*, частиц |  |  | **10,535·1023** |
| *V*, л | - | **56** | - |
| *D н2* | - | 14 | - |

**Вариант ІV**

|  |  |  |  |
| --- | --- | --- | --- |
|  | MgO | H2S | NaOH |
| *m*, г | **108** |  |  |
| *M*, г/моль |  |  |  |
| ν, моль |  |  |  |
| *N*, частиц |  |  | **7,525 ·1023** |
| *V*, л | - | **100,8** | - |
| *D o2* | - |  | - |