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| --- |
| 1.Установите соответствие между названием вещества и реагентами, с которыми это вещество может взаимодействовать. |

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| **НАЗВАНИЕ ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | оксид кальция |
| **Б)**  | серная кислота |
| **В)**  | цинк |

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| --- | --- |
| **1)**  | KNO3, СО2 |
| **2)**  | Cl2, NaOH |
| **3)**  | CO2, HCl |
| **4)**  | KOH, Na2CO3 |

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| 2.Установите соответствие между названием вещества и реагентами, с каждым из  которых это вещество может взаимодействовать. |

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| **НАЗВАНИЕ ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| **А)**  | карбонат натрия |
| **Б)**  | сульфат алюминия |
| **В)**  | оксид меди(II) |

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| --- | --- |
| **1)**  | H2, H2SO4 |
| **2)**  | HNO3, CaCl2 |
| **3)**  | HgO, Cu(OH)2 |
| **4)**  | KOH, Ba(NO3)2 |

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| 3.Установите соответствие между названием вещества и реагентами, с которыми это вещество может взаимодействовать. |

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| **НАЗВАНИЕ ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| **А)**  | оксид серы(IV) |
| **Б)**  | алюминий  |
| **В)**  | сульфат аммония |

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| --- | --- |
| **1)**  | CO2, K2SO4 |
| **2)**  | HCl, KBr |
| **3)**  | KOH, BaCl2 |
| **4)**  | O2, Ca(OH)2 |

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| 4.Установите соответствие между названием вещества и реагентами, с которыми это вещество может взаимодействовать. |

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| **НАЗВАНИЕ ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| **А)**  | алюминий |
| **Б)**  | гидроксид калия |
| **В)**  | хлор |

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| --- | --- |
| **1)**  | H2O, HCl |
| **2)**  | NaOH, P2O5 |
| **3)**  | Fe2O3, MgCl2 |
| **4)**  | KBr, Mg |

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| 5.Установите соответствие между названием вещества и реагентами, с которыми это вещество может взаимодействовать. |

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| **НАЗВАНИЕ ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| **А)**  | гидроксид натрия |
| **Б)**  | гидроксид цинка |
| **В)**  | соляная кислота |

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| --- | --- |
| **1)**  | Na2SO3, AgNO3 |
| **2)**  | SO2, FeSO4 |
| **3)**  | KOH, HNO3 |
| **4)**  | KBr, BaO |

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| 6.Установите соответствие между названием вещества и реагентами, с которыми это вещество может взаимодействует. |

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| **НАЗВАНИЕ ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| **А)**  | оксид цинка |
| **Б)**  | углекислый газ |
| **В)**  | фосфорная кислота |

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| --- | --- |
| **1)**  | K2O, Fe |
| **2)**  | SO2, H2O |
| **3)**  | HCl, Ca(OH)2 |
| **4)**  | H2O, C |

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| 7.Установите соответствие между названием вещества и реагентами, с которыми это вещество может взаимодействовать. |

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| **НАЗВАНИЕ ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| **А)**  | магний |
| **Б)**  | оксид железа(II) |
| **В)**  | гидроксид бария |

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| --- | --- |
| **1)**  | CO2, Na2SO4 |
| **2)**  | NaOH, SO3 |
| **3)**  | H2O,  HCl |
| **4)**  | H2SO4, Al |

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| 8.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| **А)**  | H2O |
| **Б)**  | CuCl2 |
| **В)**  | Al(OH)3 |

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| **1)**  | HBr, NaOH(р-р) |
| **2)**  | Cl2, SO3 |
| **3)**  | H2SiO3, ZnO |
| **4)**  | Fe, KOH(р-р) |

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| 9.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| **А)**  | H2 |
| **Б)**  | Ba(OH)2 |
| **В)**  | K3PO4 |

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| --- | --- |
| **1)**  | H2S, K2SO4 |
| **2)**  | SiO2, NaCl |
| **3)**  | Fe2O3, N2 |
| **4)**  | AgNO3, CaCl2 |

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| 10.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | Na2S |
| **Б)**  | ZnSO4 |
| **В)**  | CO2 |

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| --- | --- |
| **1)**  | K2O, Ba(OH)2 |
| **2)**  | K3PO4, FeS |
| **3)**  | Cu(NO3)2, HCl |
| **4)**  | BaCl2, NaOH |

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| 11.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| **А)**  | O2 |
| **Б)**  | Fe2O3 |
| **В)**  | K2CO3 |

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| **1)**  | HCl(р-р), C |
| **2)**  | СО, С2Н4 |
| **3)**  | H2O, (NH4)2SO4 |
| **4)**  | СaCl2, HCl(р-р) |

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| 12.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | C |
| **Б)**  | CO2 |
| **В)**  | NaOH |

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| --- | --- |
| **1)**  | KOH, CaO |
| **2)**  | CO2, H2S |
| **3)**  | HNO3, Ca(OH)2 |
| **4)**  | O2, Fe2O3 |

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| 13.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | H2 |
| **Б)**  | HBr |
| **В)**  | CuCl2 |

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| **1)**  | CuO, N2 |
| **2)**  | NO2, Na2SO4 |
| **3)**  | Si, H2O |
| **4)**  | AgNO3, KOH |

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| 14.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| **А)**  | Cl2 |
| **Б)**  | MgO |
| **В)**  | CuSO4 |

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| **1)**  | Na3PO4, LiOH |
| **2)**  | Al, HBr |
| **3)**  | N2, NaCl |
| **4)**  | СO2, HNO3(р-р) |

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 |
| 15.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| **А)**  | P(красн) |
| **Б)**  | Fe2O3 |
| **В)**  | NH4Cl |

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| --- | --- |
| **1)**  | HCl, HNO3 |
| **2)**  | O2, Ca |
| **3)**  | BaCl2, CO |
| **4)**  | KOH, AgNO3 |

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| 16.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | N2 |
| **Б)**  | ZnO |
| **В)**  | HCl |

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| --- | --- |
| **1)**  | Zn, Fe(OH)2 |
| **2)**  | H2, NaBr |
| **3)**  | H2, O2 |
| **4)**  | HBr, KOH |

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 |
| 17.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | Zn |
| **Б)**  | CuO |
| **В)**  | FeSO4 |

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| --- | --- |
| **1)**  | Na2S, KOH |
| **2)**  | HNO3(p-p), Ag |
| **3)**  | HCl, O2 |
| **4)**  | H2SO4(p-p), CO |

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 |
| 18.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | Na |
| **Б)**  | P2O5 |
| **В)**  | MgCl2 |

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| **1)**  | Na2O, Ba(OH)2 |
| **2)**  | Cl2, Na2SO4 |
| **3)**  | S, H2O |
| **4)**  | AgNO3, KOH |

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 |
| 19.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | SiO2 |
| **Б)**  | Ca(OH)2 |
| **В)**  | Na2CO3 |

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|  |  |
| --- | --- |
| **1)**  | Na2CO3, KOH |
| **2)**  | CuCl2, KHCO3 |
| **3)**  | FeO, H2 |
| **4)**  | CaCl2, HCl |

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 |
| 20.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | Cu |
| **Б)**  | NaOH |
| **В)**  | MgBr2 |

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| --- | --- |
| **1)**  | CaO, HCl |
| **2)**  | Na3PO4, KOH |
| **3)**  | O2, H2SO4(конц.) |
| **4)**  | CO2, ZnSO4 |

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 |
| 21.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | Cl2 |
| **Б)**  | SiO2 |
| **В)**  | (NH4)2SO4 |

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|  |  |
| --- | --- |
| **1)**  | HF, Ba(OH)2 |
| **2)**  | Na2SO4, CO2 |
| **3)**  | FeCl2, H2O |
| **4)**  | BaCl2, KOH |

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 |
| 22.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | Na |
| **Б)**  | Ba(OH)2 |
| **В)**  | HNO3 |

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|  |  |
| --- | --- |
| **1)**  | HCl, Na2SO4 |
| **2)**  | KOH, CaCl2 |
| **3)**  | Cu, Ca(OH)2 |
| **4)**  | Cl2, O2 |

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 |
| 23.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | Al |
| **Б)**  | SO3 |
| **В)**  | Ca(OH)2 |

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|  |  |
| --- | --- |
| **1)**  | CaO, N2 |
| **2)**  | H2S, Na2O |
| **3)**  | CO2, Al2O3 |
| **4)**  | Fe2O3, O2 |

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 |
| 24.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | O2 |
| **Б)**  | CaO |
| **В)**  | Fe2(SO4)3 |

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| --- | --- |
| **1)**  | BaCl2, NaOH |
| **2)**  | CO, H2S |
| **3)**  | MgO, ZnS |
| **4)**  | CO2, HNO3 |

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| 25.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | Cu |
| **Б)**  | P2O3 |
| **В)**  | Fe(OН)2 |

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|  |  |
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| **1)**  | Fe, CO2 |
| **2)**  | HCl, O2 |
| **3)**  | MgO, O2 |
| **4)**  | Cl2, S |

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| 26.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. |

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| **ФОРМУЛА ВЕЩЕСТВА** |   | **РЕАГЕНТЫ** |
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| --- | --- |
| **А)**  | N2 |
| **Б)**  | CO2 |
| **В)**  | AgNO3 |

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|  |  |
| --- | --- |
| **1)**  | H2O, NaOH |
| **2)**  | Cu, AlBr3 |
| **3)**  | H2O, SiO2 |
| **4)**  | Li, O2 |

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