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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** | | |  |  | | --- | --- | | **А)** | оксид кальция | | **Б)** | серная кислота | | **В)** | цинк | |  | |  |  | | --- | --- | | **1)** | KNO3, СО2 | | **2)** | Cl2, NaOH | | **3)** | CO2, HCl | | **4)** | KOH, Na2CO3 | | |
| 2.Установите соответствие между названием вещества и реагентами, с каждым из  которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **НАЗВАНИЕ ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | карбонат натрия | | **Б)** | сульфат алюминия | | **В)** | оксид меди(II) | |  | |  |  | | --- | --- | | **1)** | H2, H2SO4 | | **2)** | HNO3, CaCl2 | | **3)** | HgO, Cu(OH)2 | | **4)** | KOH, Ba(NO3)2 | | |
| 3.Установите соответствие между названием вещества и реагентами, с которыми это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **НАЗВАНИЕ ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | оксид серы(IV) | | **Б)** | алюминий | | **В)** | сульфат аммония | |  | |  |  | | --- | --- | | **1)** | CO2, K2SO4 | | **2)** | HCl, KBr | | **3)** | KOH, BaCl2 | | **4)** | O2, Ca(OH)2 | | |
| 4.Установите соответствие между названием вещества и реагентами, с которыми это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **НАЗВАНИЕ ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | алюминий | | **Б)** | гидроксид калия | | **В)** | хлор | |  | |  |  | | --- | --- | | **1)** | H2O, HCl | | **2)** | NaOH, P2O5 | | **3)** | Fe2O3, MgCl2 | | **4)** | KBr, Mg | | | |
| 5.Установите соответствие между названием вещества и реагентами,  с которыми это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **НАЗВАНИЕ ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | гидроксид натрия | | **Б)** | гидроксид цинка | | **В)** | соляная кислота | |  | |  |  | | --- | --- | | **1)** | Na2SO3, AgNO3 | | **2)** | SO2, FeSO4 | | **3)** | KOH, HNO3 | | **4)** | KBr, BaO | | | |
| 6.Установите соответствие между названием вещества и реагентами,  с которыми это вещество может взаимодействует. | |

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|  | |  |  |  | | --- | --- | --- | | **НАЗВАНИЕ ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | оксид цинка | | **Б)** | углекислый газ | | **В)** | фосфорная кислота | |  | |  |  | | --- | --- | | **1)** | K2O, Fe | | **2)** | SO2, H2O | | **3)** | HCl, Ca(OH)2 | | **4)** | H2O, C | | |
| 7.Установите соответствие между названием вещества и реагентами, с которыми это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **НАЗВАНИЕ ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | магний | | **Б)** | оксид железа(II) | | **В)** | гидроксид бария | |  | |  |  | | --- | --- | | **1)** | CO2, Na2SO4 | | **2)** | NaOH, SO3 | | **3)** | H2O,  HCl | | **4)** | H2SO4, Al | | |
| 8.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | H2O | | **Б)** | CuCl2 | | **В)** | Al(OH)3 | |  | |  |  | | --- | --- | | **1)** | HBr, NaOH(р-р) | | **2)** | Cl2, SO3 | | **3)** | H2SiO3, ZnO | | **4)** | Fe, KOH(р-р) | | |
| 9.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | H2 | | **Б)** | Ba(OH)2 | | **В)** | K3PO4 | |  | |  |  | | --- | --- | | **1)** | H2S, K2SO4 | | **2)** | SiO2, NaCl | | **3)** | Fe2O3, N2 | | **4)** | AgNO3, CaCl2 | | |
| 10.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | Na2S | | **Б)** | ZnSO4 | | **В)** | CO2 | |  | |  |  | | --- | --- | | **1)** | K2O, Ba(OH)2 | | **2)** | K3PO4, FeS | | **3)** | Cu(NO3)2, HCl | | **4)** | BaCl2, NaOH | | |
| 11.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | O2 | | **Б)** | Fe2O3 | | **В)** | K2CO3 | |  | |  |  | | --- | --- | | **1)** | HCl(р-р), C | | **2)** | СО, С2Н4 | | **3)** | H2O, (NH4)2SO4 | | **4)** | СaCl2, HCl(р-р) | | |
| 12.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | C | | **Б)** | CO2 | | **В)** | NaOH | |  | |  |  | | --- | --- | | **1)** | KOH, CaO | | **2)** | CO2, H2S | | **3)** | HNO3, Ca(OH)2 | | **4)** | O2, Fe2O3 | | |
| 13.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | H2 | | **Б)** | HBr | | **В)** | CuCl2 | |  | |  |  | | --- | --- | | **1)** | CuO, N2 | | **2)** | NO2, Na2SO4 | | **3)** | Si, H2O | | **4)** | AgNO3, KOH | | |
| 14.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | Cl2 | | **Б)** | MgO | | **В)** | CuSO4 | |  | |  |  | | --- | --- | | **1)** | Na3PO4, LiOH | | **2)** | Al, HBr | | **3)** | N2, NaCl | | **4)** | СO2, HNO3(р-р) | | |
| 15.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | P(красн) | | **Б)** | Fe2O3 | | **В)** | NH4Cl | |  | |  |  | | --- | --- | | **1)** | HCl, HNO3 | | **2)** | O2, Ca | | **3)** | BaCl2, CO | | **4)** | KOH, AgNO3 | | |
| 16.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | N2 | | **Б)** | ZnO | | **В)** | HCl | |  | |  |  | | --- | --- | | **1)** | Zn, Fe(OH)2 | | **2)** | H2, NaBr | | **3)** | H2, O2 | | **4)** | HBr, KOH | | |
| 17.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | Zn | | **Б)** | CuO | | **В)** | FeSO4 | |  | |  |  | | --- | --- | | **1)** | Na2S, KOH | | **2)** | HNO3(p-p), Ag | | **3)** | HCl, O2 | | **4)** | H2SO4(p-p), CO | | |
| 18.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | Na | | **Б)** | P2O5 | | **В)** | MgCl2 | |  | |  |  | | --- | --- | | **1)** | Na2O, Ba(OH)2 | | **2)** | Cl2, Na2SO4 | | **3)** | S, H2O | | **4)** | AgNO3, KOH | | |
| 19.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | SiO2 | | **Б)** | Ca(OH)2 | | **В)** | Na2CO3 | |  | |  |  | | --- | --- | | **1)** | Na2CO3, KOH | | **2)** | CuCl2, KHCO3 | | **3)** | FeO, H2 | | **4)** | CaCl2, HCl | | |
| 20.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | Cu | | **Б)** | NaOH | | **В)** | MgBr2 | |  | |  |  | | --- | --- | | **1)** | CaO, HCl | | **2)** | Na3PO4, KOH | | **3)** | O2, H2SO4(конц.) | | **4)** | CO2, ZnSO4 | | |
| 21.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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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** | | |  |  | | --- | --- | | **А)** | Na | | **Б)** | Ba(OH)2 | | **В)** | HNO3 | |  | |  |  | | --- | --- | | **1)** | HCl, Na2SO4 | | **2)** | KOH, CaCl2 | | **3)** | Cu, Ca(OH)2 | | **4)** | Cl2, O2 | | |
| 23.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | Al | | **Б)** | SO3 | | **В)** | Ca(OH)2 | |  | |  |  | | --- | --- | | **1)** | CaO, N2 | | **2)** | H2S, Na2O | | **3)** | CO2, Al2O3 | | **4)** | Fe2O3, O2 | | |
| 24.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | O2 | | **Б)** | CaO | | **В)** | Fe2(SO4)3 | |  | |  |  | | --- | --- | | **1)** | BaCl2, NaOH | | **2)** | CO, H2S | | **3)** | MgO, ZnS | | **4)** | CO2, HNO3 | | |
| 25.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | Cu | | **Б)** | P2O3 | | **В)** | Fe(OН)2 | |  | |  |  | | --- | --- | | **1)** | Fe, CO2 | | **2)** | HCl, O2 | | **3)** | MgO, O2 | | **4)** | Cl2, S | | |
| 26.Установите соответствие между формулой вещества и реагентами, с каждым из которых это вещество может взаимодействовать. | |

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|  | |  |  |  | | --- | --- | --- | | **ФОРМУЛА ВЕЩЕСТВА** |  | **РЕАГЕНТЫ** | | |  |  | | --- | --- | | **А)** | N2 | | **Б)** | CO2 | | **В)** | AgNO3 | |  | |  |  | | --- | --- | | **1)** | H2O, NaOH | | **2)** | Cu, AlBr3 | | **3)** | H2O, SiO2 | | **4)** | Li, O2 | | |