

Fill in the box with the suitable chemical substance. Make sure you use the correct spelling for each of the substance.

exercise

determine the reactant, product and write the word chemical equation for the following:

Q1. fluorine gas is passed over the iron metal to produce a solid of iron (III) fluoride

Reactant :

Product :

Chemical equation:

_____ + _____ → _____

Q2. zinc sulphate salt is heated and decomposes releasing sulphur dioxide gas, oxygen gas and solid zinc oxide

Reactant :

Product :

Chemical equation:

_____ → _____ + _____ + _____

Q3. ethanol burns completely in oxygen gas producing carbon dioxide gas and water

Reactant :

Product :

Chemical equation:

_____ + _____ → _____ + _____

Write the chemical equation for the following:

Q4. Sulphuric acid is titrated into sodium hydroxide solution to produce sodium sulphate and water

Chemical equation:



Q5. Copper (II) oxide is added into hydrochloric acid to produced copper (II) chloride salt and water

Chemical equation:



Q6. Silver nitrate solution is added into lead (II) chloride solution to produce silver chloride precipitate and lead (II) nitrate solution

Chemical equation:



Q7. Water is added into potassium oxide in the gas jar to produce potassium hydroxide solution

Chemical equation:

