

## **TASK CARD 1**

The complete burning of hexane,  $C_6H_{14}$ .

## **TASK CARD 2**

The oxidation of silver.

## **TASK CARD 3**

The reaction of chlorine and  
iron(III) bromide.

## **TASK CARD 4**

The heating of chromium(III) chlorate.

## **TASK CARD 5**

The heating of hydrogen sulfide.

## **TASK CARD 6**

The reaction of sodium hydroxide with  
acetic acid ( $\text{HC}_2\text{H}_3\text{O}_2$ ).

## **TASK CARD 7**

The reaction of ammonium sulfide and cobalt(II) nitrate.

## **TASK CARD 8**

The reaction of magnesium with chlorine gas.

## **TASK CARD 9**

The complete combustion of ethyne,  
 $C_2H_2$ .

## **TASK CARD 10**

The reaction between ammonium hydroxide and nitric acid ( $\text{HNO}_3$ ).

## **TASK CARD 11**

The reaction of lithium and water.

## **TASK CARD 12**

The reaction of sodium phosphate and chromium(III) chloride.

## **TASK CARD 13**

The electrolysis of barium fluoride.

## **TASK CARD 14**

Combining lithium with sulfur.

## **TASK CARD 15**

The reaction of calcium and magnesium chloride.

## **TASK CARD 16**

The reaction of potassium hydroxide with hydrochloric acid (HCl).

## **TASK CARD 17**

The complete combustion of butane,  
 $C_4H_{10}$ .

## **TASK CARD 18**

The reaction of hydrochloric acid (HCl) with silver nitrate.

## **TASK CARD 19**

The complete combustion of propene,  
 $C_3H_6$ .

## **TASK CARD 20**

The reaction of sodium hydroxide with  
sulfuric acid ( $H_2SO_4$ ).

## **TASK CARD 21**

The reaction between copper(II) sulfate  
and barium hydroxide.

## **TASK CARD 22**

The heating of magnesium carbonate.

## **TASK CARD 23**

The reaction of aluminum with silver chloride.

## **TASK CARD 24**

The addition of calcium to nitrogen gas.



## **TASK CARD 25**

The heating of sulfurous acid ( $\text{H}_2\text{SO}_3$ ).

## **TASK CARD 26**

The complete combustion of pentane,  
 $\text{C}_5\text{H}_{12}$ .

## **TASK CARD 27**

The reaction of barium hydroxide with  
nitric acid ( $\text{HNO}_3$ ).

## **TASK CARD 28**

The reaction between hydrogen sulfide and nickel(II) chloride.

## **TASK CARD 29**

The reaction between chlorine gas and sodium iodide.

## **TASK CARD 30**

The reaction of aluminum with nitrogen gas.