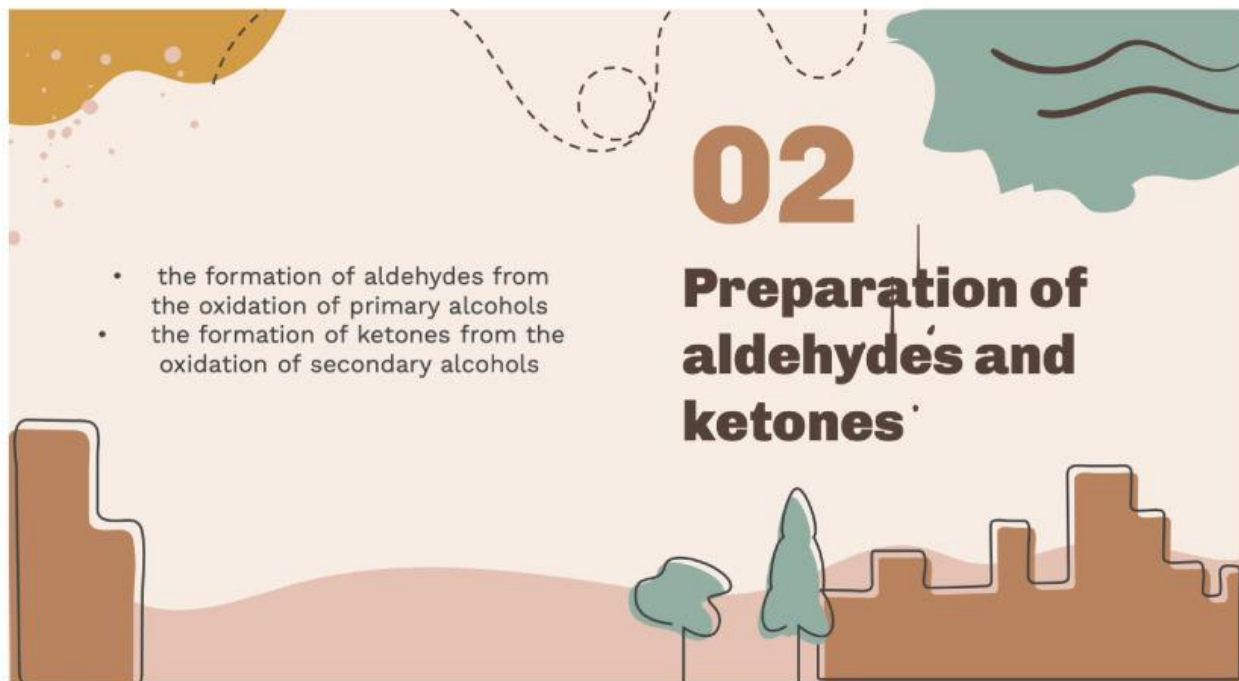


Name:

Class:



02

Preparation of aldehydes and ketones

- the formation of aldehydes from the oxidation of primary alcohols
- the formation of ketones from the oxidation of secondary alcohols

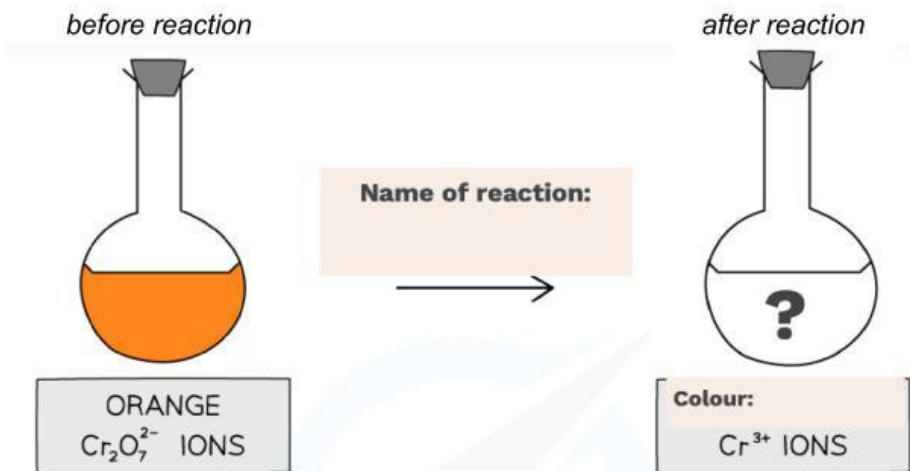
Preparing aldehydes

1. General reaction:

..... + → +

2. Oxidising agents:

a.



before reaction

after reaction

Name of reaction:

ORANGE $\text{Cr}_2\text{O}_7^{2-}$ IONS

Colour: Cr^{3+} IONS

b.

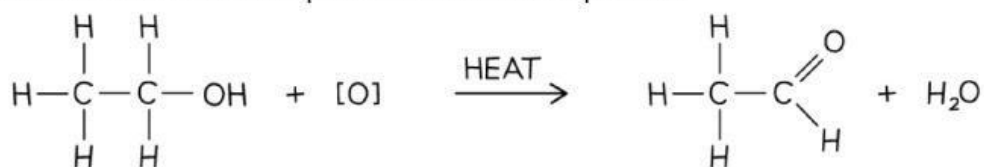
before reaction

after reaction

NAME OF REACTION:

COLOUR: Mn^{2+} IONS

3. Give names of each compound in reactant and product.



name:

name:

Preparing ketones

1. General reaction:

..... + $\rightarrow$ +

2. Oxidising agents:

c.

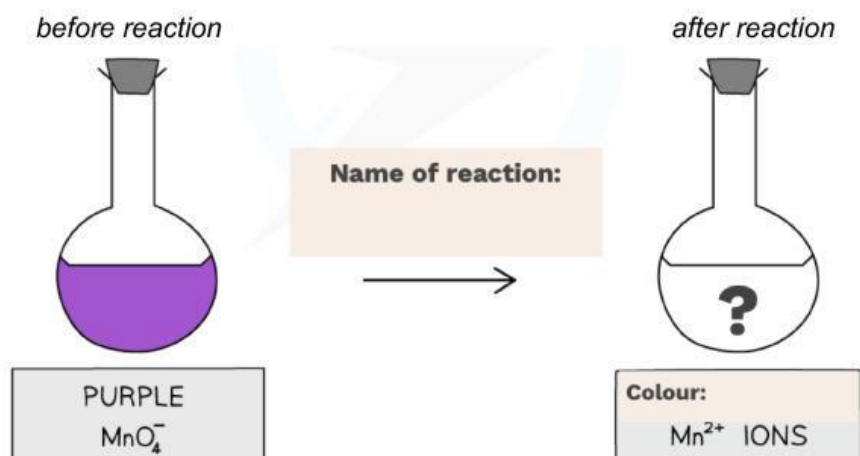
before reaction

after reaction

NAME OF REACTION:

COLOUR: Cr^{3+} IONS

d.



3. Give names of each compound in reactant and product.



name:

name: