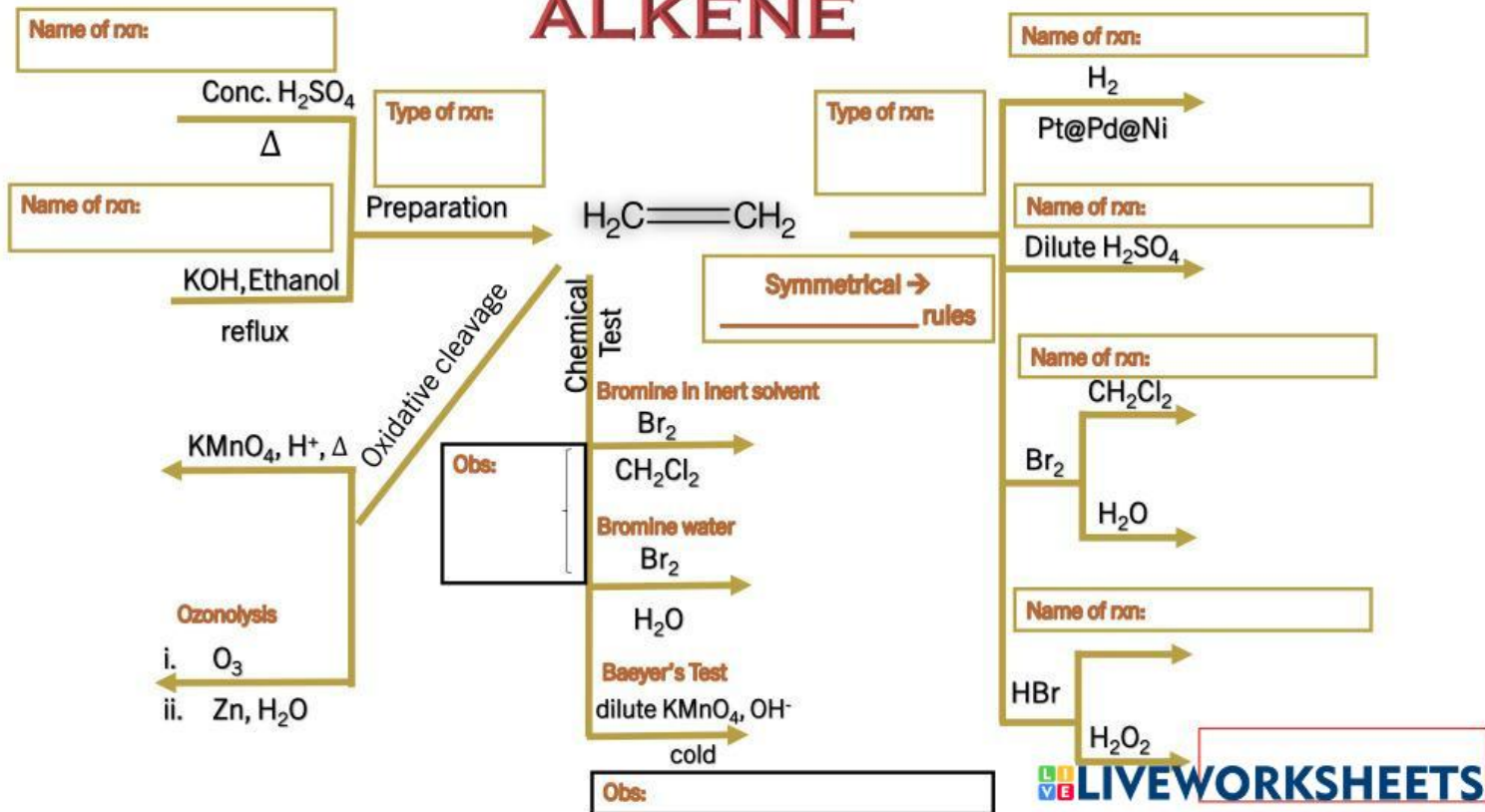
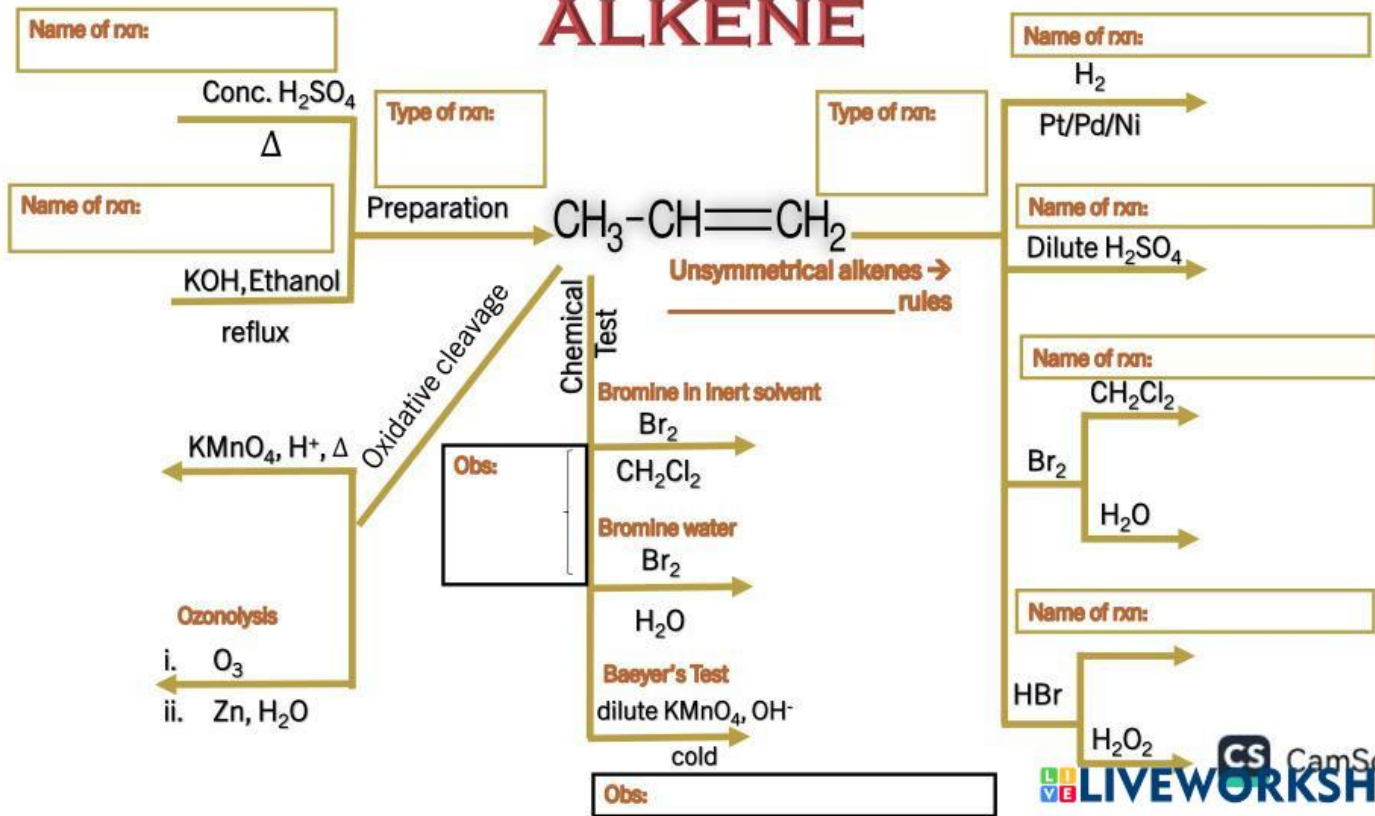


ALKENE



ALKENE



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Symmetrical alkenes

Chemical Test

Bromine in inert solvent

Br_2

CH_2Cl_2

Bromine water

Br_2

H_2O

Baeyer's Test

dilute KMnO_4 , OH^-

cold

Obs:

Preparation

Type of rxn:

Conc. H_2SO_4

Δ

Name of rxn:

KOH , Ethanol

reflux

KMnO_4 , H^+ , Δ

Ozonolysis

i. O_3

ii. Zn , H_2O

Oxidative cleavage

Obs:

Type of rxn:

H_2

Pt@Pd@Ni

Name of rxn:

Dilute H_2SO_4

Name of rxn:

CH_2Cl_2

Br_2

H_2O

Name of rxn:

HBr

H_2O_2

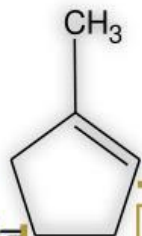
LIVE

WORKSHEETS

CS

CamScanner

ALKENE



Name of rxn:

Conc. H₂SO₄

Δ

Type of rxn:

Preparation

Name of rxn:

KOH, Ethanol

reflux

KMnO₄, H⁺, Δ

Ozonolysis

i. O₃

ii. Zn, H₂O

Oxidative cleavage

Obs:

Chemical

Test

Bromine in inert solvent

Br₂

CH₂Cl₂

Bromine water

Br₂

H₂O

Baeyer's Test

dilute KMnO₄, OH⁻

cold

Obs:

Type of rxn:

Name of rxn:

H₂

Pt@Pd@Ni

Name of rxn:

Dilute H₂SO₄

Name of rxn:

CH₂Cl₂

Br₂

H₂O

Name of rxn:

HBr

H₂O₂

Unsymmetrical →
rules

LIVEWORKSHEETS