A.R. TUTORIALS

×	DECOMPOSITION	RXN	,_
	MODILION	KAN	'-

into simples

Reaction in which one substance decomposes breaks Substances is known as decomposition

C -> A+B

THERMAL

Exi- caloz - cao + coz

Decomposition oxy carried out by heating is known as Thermal decomposition

ELECTROLYSIS

De composition carried out by Spectricity is Known as steet rolytic Decoposition

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Exe-2H20 stectrolyers H2+02 2Ag cg sunlight >2Ag+cf2

PHOTOLYSIS

De composition our Carried out by light | Sunlight is known as photolysis

DISPLACEMENT RXN :-

---> AC + B

Reaction in which more reactive element displaces less reactive element is known as Displacement Reaction 1-

Con- En) Zn + cuso4 -> Znso4+cu 11) Fe + cuso4 -> Fe So4 + an

* Reactivity series !-

Arrangement of metals in the decreasing order of their reactivity is known as Readon'ty Series

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P- potassium (K) B - X 5 - Sodium (Na) Lc - calcium (ca) -M - magnestum (mg) A - Aluminium (Al) 7 - Zinc (30) I - Dron (Fe) X -L - lead (Pb) - H - tydrozen (H) rc - copper (cu) Hg Mercury Ag silver Au Jold - P - X

* For ex 1-

1) 2k + caso4 -> K2504 + ca

2) Al + Mgcl2 -> No reaction

Al' is less reactive than

'mg':, it cannot display

mg from its salt solution.

4) DOUBLE DISPLACEMENT RXN 1-

Such reactions in which there is an exchange of ions [A.R. TUTORIANS between the reactoms are called double displacement rxn.

 $\begin{array}{c} + - \\ AB + CD \\ \end{array} \longrightarrow AD + CB$

For ex:- Na 2 504 + Bacl2 --- Baso4 + 2 Nacf

(aq.) (aq.) (s) (aq.)

Quest- Identify the type of Chemical Rxn!-