

Chemical Reactions



Name Class Date Given the reaction: In which kind of reaction is soap $Fe(s) + Cu^{2+}(aq) \rightarrow Fe^{2+}(aq) + Cu(s)$ one of the products? Which half-reaction correctly show **A** oxidation oxidation that occurs **B** saponification Fe(s) Fe2+(aq)+2e-C neutralizatio B Fe(s) + 2e[†] → Fe²⁺ (aq) fermentatio Cu^{2+} (aq) \rightarrow Cu(s) + 2e Cu^{2+} (aq) + $2e^{-}$ + Cu(s)Given the reaction: 3 Which metal is produced by the electrolytic reduction of its fused salt? $N_2(g) + 3H_2(g) \rightleftharpoons 2NH_3(g) + energy$ If the temperature is increased and the 5 **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet 7 A saponification A energy, only **B** esterification B matter, only C polymerization C both matter and energy **D** fermentation neither matter nor energy 9 Given the reaction: Which react in entropy? Fe₂O₃ + 3CO + heat → 2Fe + 3CO₂ Which substance in this process acts A 2H₂O(I) \rightarrow 2H₂(g) + O₂(g) as the oxidizing agent? **B** $2H_2O(g) \rightarrow 2H_2(g) + O_2(g)$ $\mathbf{C} \ H_2 O(g) \rightarrow H_2 O(l)$ C CO A Fe $D H_2O(I) \to H_2O(s)$ B Fe₂O₃ D CO2



Chemical Reactions



Name_	CI	ass	Date	
1	Given the reaction:	In which kind of rone of the produce		B
3	Which metal is produced by the electrolytic reduction of its fused salt?		a: ⇒ 2NH ₃ (g) + energy is increased and the	A
5	PREV Please Sign In or Sign the printable version	ign Up to dow		A
7	A energy, only B matter, only C both matter and energy D nanter matter nor energy	A saponification B esterification C polymerization D fermentation		C
9	Given the reaction:	Which reaction h in entropy? A $2H_2O(I) \rightarrow 2H$ B $2H_2O(g) \rightarrow 2H$ C $H_2O(g) \rightarrow H_2O$ D $H_2O(I) \rightarrow H_2O$	$H_2(g) + O_2(g)$ O(I)	A