Chemical Reactions



Name _		Class	Date _	
to ta	rder for a chemical change ake place, le the answer letter.	6 Super	Balance the following reac the correct number of mole	
a.	products must turn into reactants	45	SO ₂ + O ₂ —	→ 4 SO
	reactants must turn into products heat must be given off		What is the evidence in this that a chemical reaction ha	
mixe and evid	le conducting a science lab, a studes two different chemicals together notices heat being given off. This lence for a(n)		a. light and heatb. change of shapec. change in mass	
3 V C	endothermic reaction	A		p any tants ctants
ć k	PRE	VIEW		is shown
(Please Sign In or	Sign Up	to download	2 2
4 T	the printable vers	sion of th	nis worksheet	
	amu. le the answer.		d. decomposition	
4	16 32	10	What type of chemical read in the reaction below?	ction is shown
ignit (mov	udent carefully strikes a match and tes. What is the purpose of striking ving quickly) the match?		2H ₂ + O ₂ > 2H ₂ a. single replacement b. double replacement	
b. 1	to soften the match to provide activation energy		c. synthesis d. decomposition	

Chemical Reactions - Answer Key



Name	Class	Date	
In order for a chemical change to take place, Circle the answer letter.		Balance the following reaction be correct number of molecules	
a. products must turn into reactants		$O_2 + 2 O_2 \longrightarrow$	450 ₃
(b.) reactants must turn into prc. heat must be given off		Vhat is the evidence in this pictor hat a chemical reaction has occ	
While conducting a science lal mixes two different chemicals and notices heat being given on evidence for a(n)	together off. This is	a.) light and heat b. change of shape c. change in mass	
a. endothermic reaction			any
3 V	ABC		ants ctants
1	PREVIEW	į	s shown + Cl
Please Sign	In or Sign Up	to download	2
the printable	e version of thi	s worksheet	
is amu.	8	d. decomposition	
4 16 32	10	What type of chemical reaction in the reaction below?	is shown
A student carefully strikes a maignites. What is the purpose of (moving quickly) the match?	of striking	$H_2 + O_2 \longrightarrow 2H_2O$ single replacement	
ignites. What is the purpose o	of striking a b		