Name:	Date:
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## Chemical Reactions

									<sup>1</sup> E								
<sup>2</sup> A	С	Т	I	٧	Α	Т	Ι	0	N	Ε	N	E	R	G	Υ		
									D								
									0					<sup>3</sup> C			
			<sup>4</sup> P	R	0	D	U	C	Т					Α			
									Н	,				Т	,		
									Е	,				Α	,		
	<sup>5</sup>	N	Н	I	В	I	Т	0	R			_		L			
									М		<sup>6</sup> L			Υ			
									I		С			S			
	<sup>7</sup> E	Χ	0	Н	E	R	М	I	С	R	Ε	Α	С	Т	I	0	N
	-								R								
	<sup>8</sup> C	Н	Ε	М	I	С	Α	L	Е	Q	U	A	Т	I	0	N	
									Α	1							
					-				С								
					<sup>9</sup> R	Ε	Α	С	Т	A	N	Т					
									I								
<sup>10</sup> C	Н	Ε	М	I	С	Α	L	F	0	R	М	U	L	Α			
									N								

## **Across**

- **2.** The minimum amount of energy required to start a chemical reaction
- **4.** The substance that forms in a chemical reaction
- **5.** A substance that slows down or stops a chemical reaction
- **7.** A chemical reaction in which heat is released to the surroundings
- **8.** A representation of chemical reaction that uses symbols to show the relationship between the reactants and the products

- **9.** A substance or molecule that participates in a chemical reaction
- **10.** A combination of chemical symbols and numbers to represent substance

## <u>Down</u>

- 1. A chemical reaction that requires heat
- **3.** A substance that changes the rate of a chemical reaction without being used up or changed very much
- **6.** The law that states that energy cannot be created or destroyed but can be changed from one form to another