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Chemical Reactions: Word Equations

Read the following statements. For each reaction that is described, identify the reactant(s) and the product(s) and then write a word equation to represent the reaction that takes place. (Hint: Remember that when burning takes place, oxygen is one of the reactants.)

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1.	Octane, a component of gasoline, burn	<i>ns</i> in an auto	omobile e	engine; <i>carb</i> e	on dioxia	le and wate	r are formed.
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2	Acid rain is formed when sulphur di sulphurous acid.	ioxide (from	burnt si	ulphur) reac	ts with	water in the	air to form
	igniferation guilli va kund						
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3.	The heat and pressure inside an auto substance is a pollutant, nitrogen modern	omobile eng noxide.	ine caus	e <i>nitrogen</i> a	nd oxyge	en to react;	the resulting
	The heat and pressure inside an auto substance is a pollutant, nitrogen mod	noxide.		e <i>nitrogen</i> a		•	the resulting
LET LE SUCCESSION DE LE S	substance is a pollutant, nitrogen mo	noxide.					
3.	Rust on cars, usually iron(III) oxide tr	noxide.					

6.	When propane is added to oxygen, a burning reaction to
	place and the products are <i>carbon dioxide</i> and <i>water</i> .
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- Andreado Madalesco (Para Transp	
7.	Silver sulphide is produced when the two reactants, silve sulphur are mixed together.
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8.	When carbon dioxide is added to water, the resulting chis carbonic acid.
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9.	Copper (II) nitrate, nitrogen monoxide and water are all produced when copper is added to nitric acid.
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