Name:		
1 101110.		

Intervention 1.1 AB

(Chemical/Physical Properties, Qualitative/Quantitative)

Physical and Chemical Properties

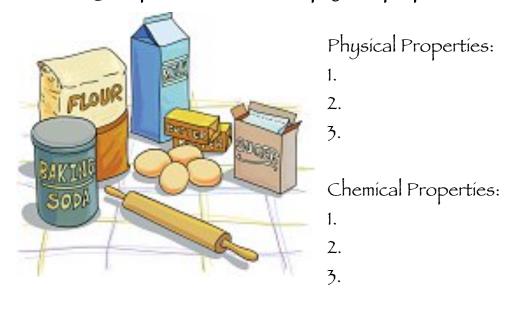
Elements, substances, and compounds have both physical and chemical properties. Physical properties are those that can be described using the senses and can be determined without destroying the object. Color, mass, density, and odor are examples of physical properties. Chemical properties describe how a substance reacts with another substance and the original is changed into something else. Classify each term in the word box as a physical or chemical property.

reacts with base to form water supports combustion boiling point neutralizes an acid reacts with water to form gas

density taste neutralizes a base reacts with an acid color flammability melting point luster reacts to oxygen solubility hardness odor electromotive

Physical Property	Chemical Property	
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	No.	
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Using the pictures below, list 3 physical properties and 3 chemical properties



Qualitative vs. Quantitative

Determine w	hich of the following statements are qualitative and which are quantitative.
1	The cup had a mass of 454 grams.
2	The temperature outside is 25 ₀ C.
3	It is warm outside.
4	The tree is 30 feet tall.
5	The building has 25 stories.
6	The building is taller than the tree.
7	The sidewalk is long.
8	The sidewalk is 100 meters long.
9	The race was over quickly.
10.	The race was over in 10 minutes.