1. Explain the difference between a mixture of iron and sulfur and the compound iron sulfide.  
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2. When you light a piece of magnesium ribbon, it burns with a dazzling white light. A white ash forms. What signs are there that a chemical change has taken place?  
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3. Is it a chemical change or a physical change? Give reasons.
4. a glass bottle breaking

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1. butter and sugar being made into toffee

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1. cotton being woven to make sheets

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1. coal burning in air

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