



CHAPTER 5: ENERGY AND CHEMICAL CHANGES

- Each of the following substances is heated in a test tube. Which will undergo a physical change?
 - Copper carbonate
 - Ammonium chloride
 - Lead sulphide
 - Potassium manganate (VII)
- Which of the following does **not** happen in a chemical change?
 - Energy is released.
 - A gas is produced.
 - The composition of a substance changes.
 - Only change of state takes place.
- Which comparison is **incorrect**?

	Physical change	Chemical change
A	Substance may only melt on heating	Substance may decompose on heating
B	No new substance is formed	A new substance is formed
C	The change is reversible	The reaction is irreversible
D	Substance changes its mass	Substance retains its mass