



برعاية معالي وزير التربية والتعليم

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وتوجيهات مساعد الوزير لشئون تطوير المناهج التعليمية
والمشرف على الإدارة المركزية لتطوير المناهج

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اداءات وتقييمات

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لجنة الأعداد والمراجعة

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Homework Performances

Lesson 1: Chemical reactions

Thermal decomposition reactions

Question 1: Complete the following statements:

- 1) The compound decomposes with heat into its simple components in reactions of
- 2) Most metals decomposed by heating into and sulfur trioxide gas
- 3) is considered one of the most important safety means in modern cars, as it is filled with gas
- 4) gas turbid the clear lime water, while gas increases the glow of glowing splint.

Question 2: Give reasons for the following:

- 1) A silver color appears when red mercury oxide is heated.
- 2) A black substance is formed when green copper carbonate is heated strongly.
- 3) A black color appears when blue copper sulfate is heated.
- 4) The color of sodium nitrate changes to yellowish white by heating.

Question 3: What happens in the following cases:

- 1) Heating red mercury oxide.
- 2) Heating blue copper hydroxide.
- 3) Heating green copper carbonate.
- 4) Heating white sodium nitrate