



برعاية معالي وزير التربية والتعليم
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وتوجيهات مساعد الوزير لشئون تطوير المناهج التعليمية
والمشرف على الادارة المركزية لتطوير المناهج
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Chemistry
لجنة الاعداد والمراجعة
خبراء مكتب تنمية مادة العلوم
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الإدارة المركزية لتطوير المناهج
إدارة تنمية مادة العلوم

2024 - 2025





Weekly assessment

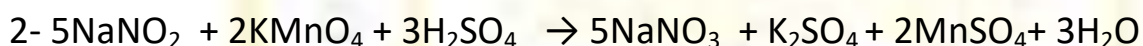
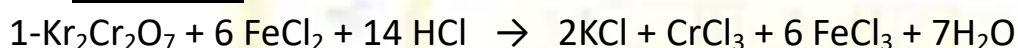
Question one:-

Q1/ Give reasons for each of the following:

- 1- Oxidation number of nitrogen in ammonia gas is (3-), while its oxidation number in (N₂O₃) is (3+)
- 2- Oxidation number of chlorine in hydrogen chloride gas is (1-), while its oxidation number in hypochlorous acid (HClO) is (1+)
- 3- Oxidation number of oxygen in oxygen fluoride is (2+)
- 4- Double exchange reactions don't represent oxidation-reduction reactions.
- 5- Neutralization reactions don't represent oxidation-reduction reactions.
- 6- Precipitation reactions don't represent oxidation-reduction reactions

Q2/ Determine the oxidizing agent and reducing agent in each of the following

Reactions.



Q3/ Arrange the following compounds in an ascending order:-

- (1) NaClO₃ – KClO₄– KClO₂ (according to oxidation number of chlorine)
- (2) H₂O₂ – Na₂O – KO₂ (according to oxidation number of oxygen)
- (3) H₂S - H₂SO₄ –H₂SO₃ (according to oxidation number of sulphur)

Q4/ Calculate the oxidation number of the underlined element in each of the following:-

