

CHEMISTRY

BOOKS - CENGAGE CHEMISTRY

MOLE CONCEPT AND REACTION STOICHIOMETRY

Worked Examples

1. How many grams of oxygen are liberated on decomposition of 12.26 g of $KClO_3$?



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2. Calculate the mass of quick lime (CaO) that can be obtained by heating 50 kg of limestone which is 95% pure.



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3. Calculate the mass of iron which will be converted into its oxide (Fe_3O) by the action of 18 g of steam on it.



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4. What would the mass of slaked lime be required to decompose 4 grams of ammonium chloride completely and what would be the mass of each product?



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