

TOPIC

Chemistry – Section III – Question 2

QUESTION

Limestone (CaCO_3) decomposes to CaO and CO_2 . The number of grams of limestone needed to produce 100 grams of CO_2 most nearly is

- (A) 36
- (B) 152
- (C) 200
- (D) 227

HINT

Consider the stoichiometry of the decomposition reaction.

CONTRIBUTOR

Scott Campbell