

## Answer on Question #84874 – Chemistry – General Chemistry

Construct a table to show how the mass of carbon dioxide produced varies over time.

### Solution:

Chemical reactions vary in speed. The rate of reaction measures how much product is made in a given time. For reactions to occur, reactant particles must collide.

In a typical rates experiment, the mass or volume of product is measured at regular time intervals. The results are usually recorded in a suitable table. For example mass of carbon dioxide:

Time / min	Volume of gas produced / g
0	0
1	44
2	52
3	58
4	60
5	60

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