

#83348 Chemistry, Other

The decomposition of  $\text{N}_2\text{O}_5$  occurs as:

$2 \text{N}_2\text{O}_5 = 4\text{NO}_2 + \text{O}_2$  and follows first order reaction hence

- 1) the reaction is bimolecular
- 2) the reaction is unimolecular
- 3)  $t(\text{half})$  is directly proportional to  $a^0$
- 4) none

**Answer:**

- 2) the reaction is unimolecular

Answer provided by [www.AssignmentExpert.com](http://www.AssignmentExpert.com)