# Applying Isolation Method

Given the following data determine the reaction order for the process

$$A + B \longleftrightarrow C$$

| | v | [A] | [B] |
|---|---|---|---|
| | 0.01 | 15 | 7 |
| A. First order | 0.04 | 30 | 7 |
| B. Second order | 0.01 | 15 | 14 |
| C. Third order | | | |
| D. Unknown | | | |

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