

- In the reaction of Cl_2 with Br_2 in CCl_4 solution, BrCl forms according to the equation:



With initial concentrations of $[\text{Br}_2] = 0.6 \text{ M}$, $[\text{Cl}_2] = 0.4 \text{ M}$ and $[\text{BrCl}] = 0.0 \text{ M}$, which of the following concentration versus time graphs represents this reaction? Explain why you rejected each of the other three graphs.

Marks
4

