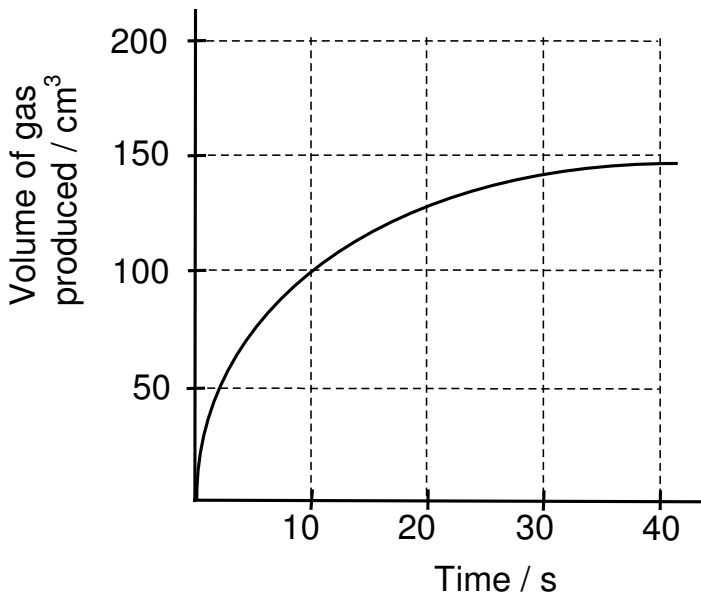


Name _____ Date Due _____

Homework 2 – Rates of Reactions

1. Why does increasing the concentration increase the rate of a chemical reaction?

2. Why does increasing the temperature increase the rate of a chemical reaction?



3. The graph above shows the gas produced during the first 40 s of a chemical reaction. Calculate the rate

a) Between 0 s and 10 s

$$\frac{\text{change in vol}}{\text{change in time}} =$$

b) Between 10 s and 20 s

$$\frac{\text{change in vol}}{\text{change in time}} =$$

c) Between 20 and 40 s

$$\frac{\text{change in vol}}{\text{change in time}} =$$