

Measuring Reaction Rates

Pre-lesson assignment- textbook page 144-145

Define the following terms

- Initial Rate
- Tangent
- Gradient

Make notes on measuring rates

Use the following questions as guidance

1. Sketch two diagrams showing how gas collection can be used to monitor rate of reaction. Write a brief method for each experiment.
2. Sketch a third diagram showing how change in mass could be used.
3. Explain how the rate equation from last lesson is linked to the volume of gas produced.
4. Complete summary question 3 on page 146 as an example of how to draw a tangent, and calculate initial rate and rate at certain points.