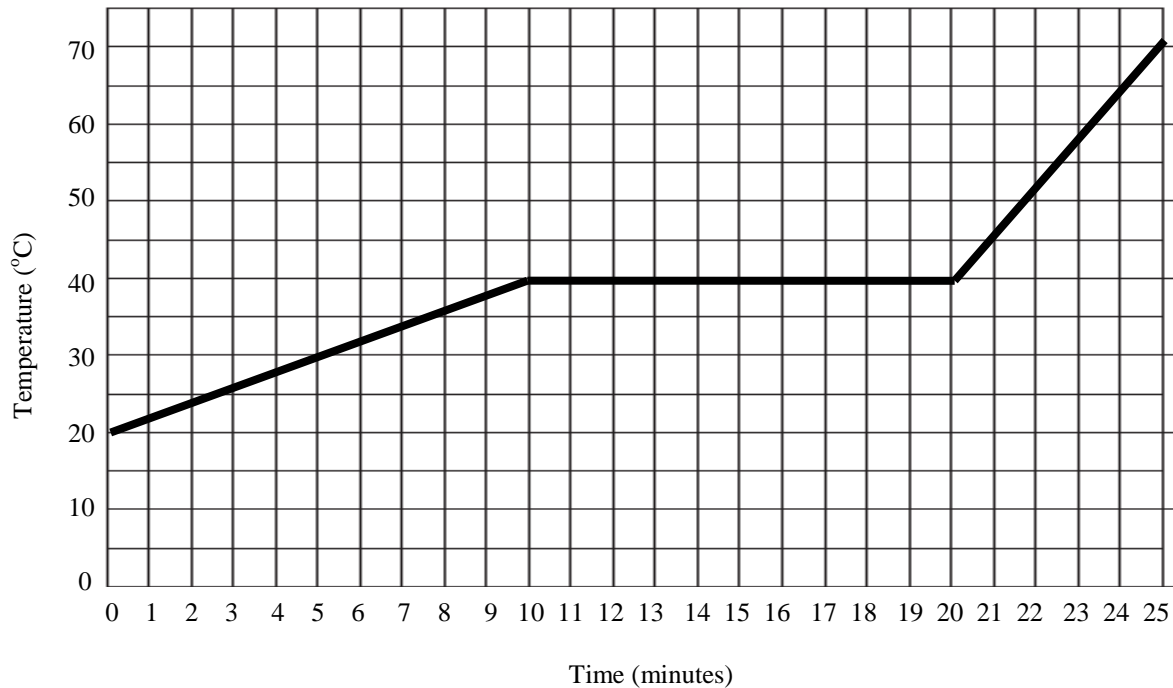


Topic: Measurement and Graphing

Aim:

Rate of Change and the Slope of a Line: The steeper the slope, the faster the rate.
The more gradual (flatter) the slope, the slower the rate.

Heating Curve of Unknown Substance X



Rate of Change during first 10 minutes: THIS FORMULA IS A DIFFERENT FORMAT FOR USE WITH A GRAPH:

$$\text{Rate of Change} = \frac{V_2 - V_1}{T_2 - T_1} =$$

Rate of change between 10 and 20 minutes:

Rate of Change =

Rate of Change between 20 and 25 minutes:

Rate of Change =