

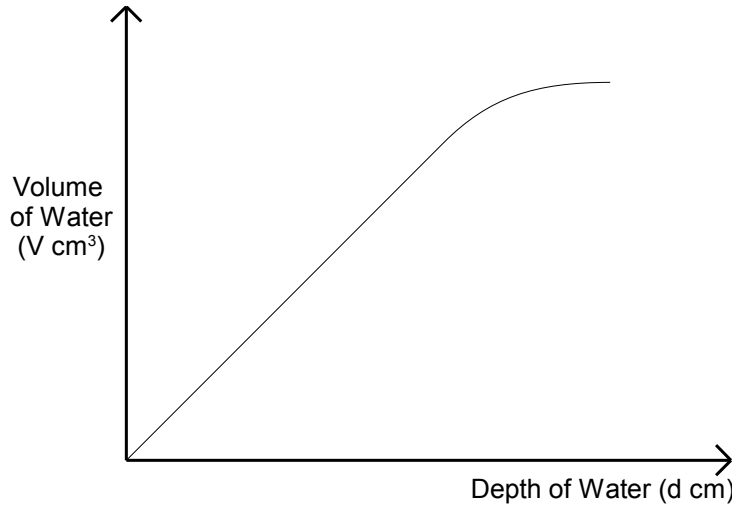
Solutions to Past Paper Questions – Uses of graphs

4)

Container	A	B	C	D
Graph	R	S	Q	P

- 21) (a) On a velocity-time graph, acceleration is represented by the gradient of the graph
The graph is curved, so to find the gradient, draw a tangent at time = 25s
Acceleration $\approx 2 \text{ m/s}^2$

10) (a)



- 15) (a) On a velocity-time graph, acceleration is represented by the gradient of the graph
The graph is curved, so to find the gradient, draw a tangent at time = 1.5s
Acceleration $\approx 4 \text{ m/s}^2$