

F-IF Containers

Task

Here are 6 containers that are being filled with water at a constant rate, and 9 graphs that represent the height of the water in a container as a function of the volume of water in the container.

- Choose the graph that corresponds to each container.
- Explain your reasoning clearly.
- For the remaining 3 graphs, sketch what the containers could look like.



Ink bottle



Conical flask



Vase



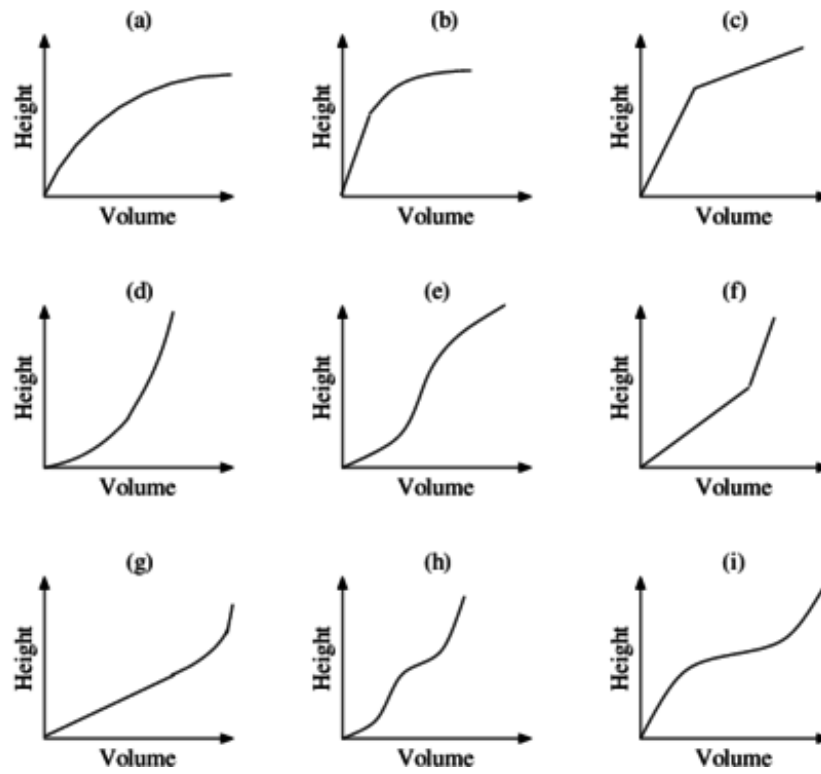
Evaporating flask



Bucket



Plugged funnel



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