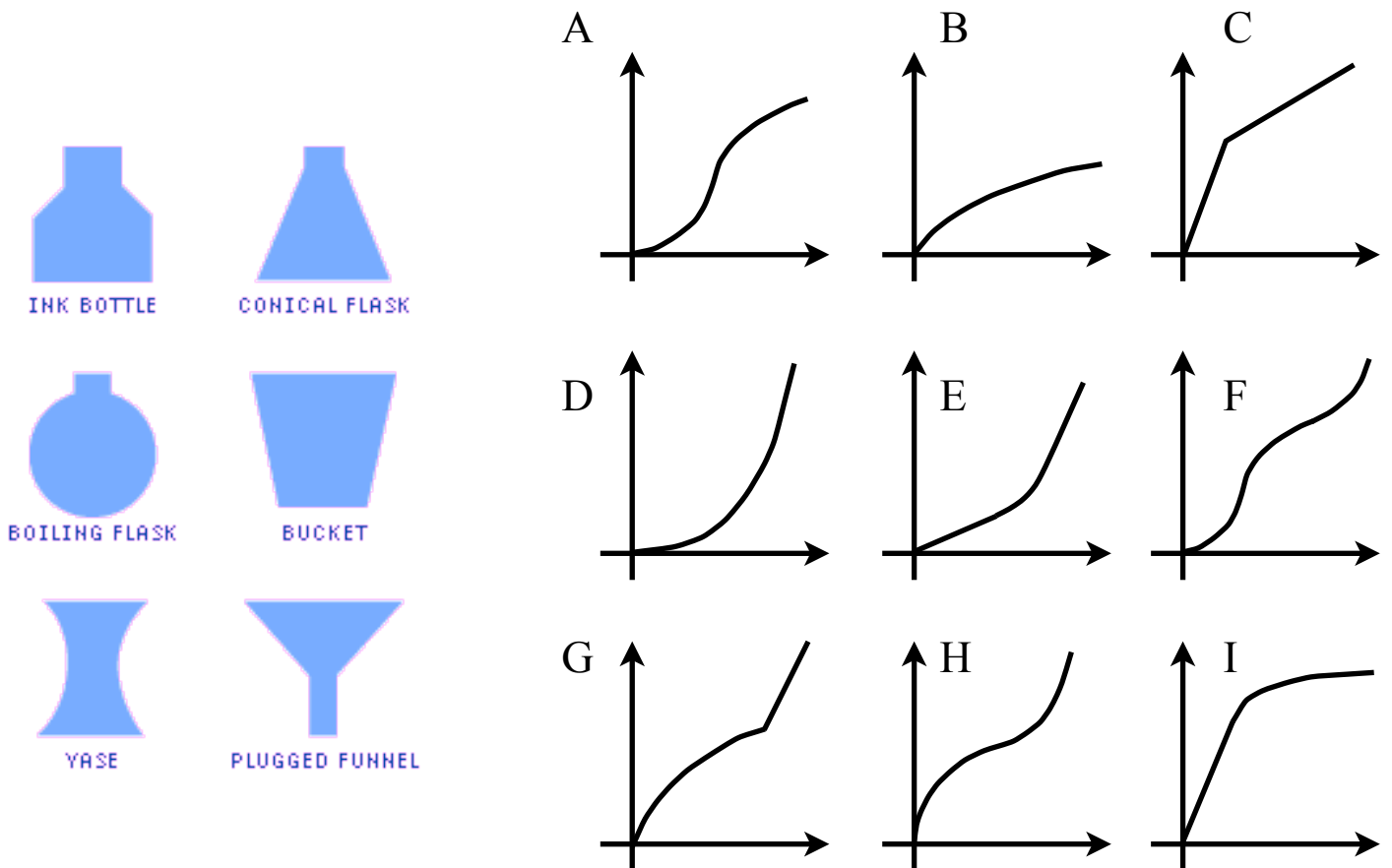


## Plugged Funnel Activity

a. Did you ever notice that when filling some bottles, the water all of a sudden spurts out of the top? Why does this happen?

b. Imagine filling each of the six bottles below, pouring water in at a constant rate. For each bottle, choose the correct graph, relating the height of the water to the volume of water that's been poured in.



c. For the remaining three graphs, sketch what the bottles should look like.