A plastic funnel is used to pour liquids through narrow apertures.

Have you ever tried pouring a drink from a glass back into a bottle?

Imagine a funnel as a complete cone. What shape cone would use the least amount of plastic to manufacture a funnel containing a set volume?


You don't need a specified volume, but it may help to ask what shape cone would hold a litre of liquid using the least amount of plastic.

Turn the sheet upside down for more help.

## Turn the sheet upside down to read the hints in this box


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