

**Objective:** Compare, describe and solve practical problems for capacity / volume

**Year 1 Task:**

Take a drink bottle. Choose some different cups and glasses and estimate how many drinks can be poured from each bottle.

- *Does it depend how large the glass is that you are filling?*
- *Do taller glasses always hold more?*
- *Does the width of the glass make a difference?*
- *Which is the smallest glass/largest glass you have? How many of each can be filled from the large bottle?*



Tip for parents:

If you have many different bottles, children can investigate the different sizes of bottles. You can fill empty bottles with water and even make this a bath time activity or one for the garden and paddling pool!

Use language such as:

- Tall
- Short
- Wide
- Narrow
- Full
- Empty
- Half full

Glass	How many will be filled from bottle?	Check
Short glass	12	20

### Variation

Try making different drink combinations and 'mocktails' write the recipe using language such as "half full, full".

E.g. *"Fill one small glass with orange juice then half fill a small glass with lemonade and mix them together."*

