 Practical Maths Challenges – **Capacity**

**Capacity is how much fluid (liquid) a container can hold when it is full.** It is the word we use when we are measuring liquids. e.g. we might say: 'What is the capacity of the liquid in that cup?'

**You need some empty containers like these** (if you have them):

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a cup a can a jug a small plastic bottle a large plastic bottle a washing-up bowl

**Fill containers with water, measuring out to complete each of the challenges:**

|  |  |
| --- | --- |
|  | How much does it hold? |
|  the cup | \_\_\_\_\_ cans of water | \_\_\_\_\_ small bottles of water |
| the jug | \_\_\_\_\_ cups of water | \_\_\_\_\_ cans of water |
|  the large bottle | \_\_\_\_\_ cups of water | \_\_\_\_\_ small bottles of water |
| the washing up bowl | \_\_\_\_\_ jugs of water | \_\_\_\_\_ large bottles of water |

* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ holds **the least**.
* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_holds **the most**.
* Do any containers hold the same **(equal)** amounts? \_\_\_\_\_\_\_