

Comparing Volume and Capacity

Lesson 1

In Focus

How can we compare and describe the amount of water inside the beakers?



Today, we are going to be looking at **Volume and Capacity**. Discuss with an adult:

Q: What is **volume**?

Q: What is **capacity**?

Let's Learn

1



A

Beaker A cannot hold any more water.
Beaker A is full.

2



B

Beaker B has no water.
Beaker B is empty.

3



A



C

The amount of water in Beaker A is
more than the amount of water in Beaker C.

The amount of water in Beaker C is
less than the amount of water in Beaker A.

The key mathematical terminology includes: **less than, more than**.

In Focus

Which has a greater capacity, the bottle or the mug?



Let's Learn



We use one cup as one unit.



The bottle and mug are filled with water.

Water from the bottle fills 3 cups.
Water from the mug fills 2 cups.

The capacity of the bottle is 3 units.
The capacity of the mug is 2 units.

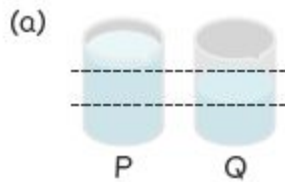
The bottle has a greater capacity than the mug.

Can we use other containers other than cups?



Complete the following questions:

1. Compare using *less than* or *more than*.



The amount of water in Beaker P is _____ the amount in Beaker Q.

The amount of water in Beaker Q is _____ the amount in Beaker P.



The amount of water in Beaker S is _____ the amount in Beaker R, and _____ the amount in Beaker T.

2. Measure the following and fill in the blanks.

Each  is 1 unit.



The capacity of the container is about ____ units.



The amount of water in the bowl is about ____ units.