

# Homework

## Compare Volume

### National Curriculum Objectives:

Mathematics Year 1: (1M1) Compare, describe and solve practical problems for: capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]  
Mathematics Year 1: (1M2) Measure and begin to record: capacity and volume

### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Match the containers to the correct description, using vocabulary such as empty, half full and full.

**Expected** Match the containers to the correct description, using vocabulary such as empty, nearly empty, half full, nearly full and full.

**Greater Depth** Match the containers to the correct description, using vocabulary such as empty, nearly empty, less than half full, half full, more than half full, nearly full and full.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Sort containers by their capacity, using vocabulary such as empty, half full and full.

**Expected** Sort containers by their capacity, using vocabulary such as empty, nearly empty, half full, nearly full and full.

**Greater Depth** Sort containers by their capacity, using vocabulary such as empty, nearly empty, less than half full, half full, more than half full, nearly full and full.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

**Developing** Use the clue to complete the capacity, using vocabulary such as empty, half full and full.

**Expected** Use the clue to complete the capacity, using vocabulary such as empty, nearly empty, half full, nearly full and full.

**Greater Depth** Use the clue to complete the capacity, using vocabulary such as empty, nearly empty, less than half full, half full, more than half full, nearly full and full.

# Compare Volume

1. Match each container to the correct description.

A. empty



B. half full

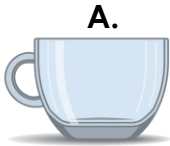


C. full



VF  
HW/Ext

2. Sort the containers into the table.



Full	Empty



VF  
HW/Ext

3. Dan has spilt his cup of water.

He says,



My cup had more water in it than Anna's cup.



Anna



Dan

Colour in Dan's glass to show how much water he had.



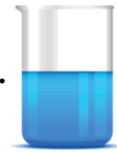
RPS  
HW/Ext

# Compare Volume

4. Match each container to the correct description.

A. nearly empty

1.



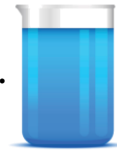
B. nearly full

2.



C. half full

3.



VF  
HW/Ext

5. Sort the containers into the table.

A.



B.



C.



D.



Nearly full	Nearly empty



VF  
HW/Ext

6. Amy has spilt her cup of water.

She says,



My cup had more water than Sam's but less water than Adam's.



Adam



Sam



Amy

Colour in Amy's glass to show how much water she had.



RPS  
HW/Ext

# Compare Volume

7. Match each container to the correct description.

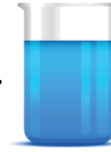
A. more than half full

1.



B. nearly empty

2.



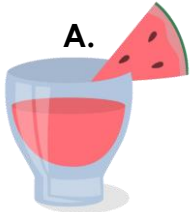
C. less than half full

3.



VF  
HW/Ext

8. Sort the containers into the table.



More than half full	Less than half full



VF  
HW/Ext

9. Jay has spilt his cup of water.

He says,



I had more than Rose but less than Tina. My cup was less than half full.



Tina



Rose



Jay

Colour in Jay's glass to show how much water he had.



RPS  
HW/Ext

# Homework

## Compare Volume

### Developing

1. **A.3; B.1; C.2**
2. **Full – B, C; Empty – A, D**
3. **Various answers, for example:**



### Expected

4. **A.2; B.3; C.1**
5. **Nearly full – A, B; Nearly empty – C, D**
6. **Various answers, for example:**



### Greater Depth

7. **A.2; B.1; C.3**
8. **More than half full – A, B, C; Less than half full – D**
9. **Various answers, for example:**

