



# Capacity (Full & Empty)

Year 1 Mathematics - Worksheet 33

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Section 1: Full or Empty?

Look at each set of containers. Answer the questions about capacity.

1. Circle the cup that is FULL:



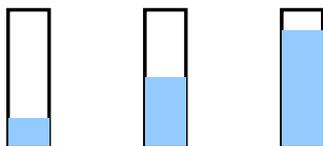
Cup A   Cup B   Cup C

2. Circle the cup that is EMPTY:



Cup A   Cup B   Cup C

3. Circle the glass that is HALF-FULL:



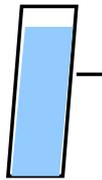
Glass A   Glass B   Glass C



4. Which jug is nearly full? Circle it.

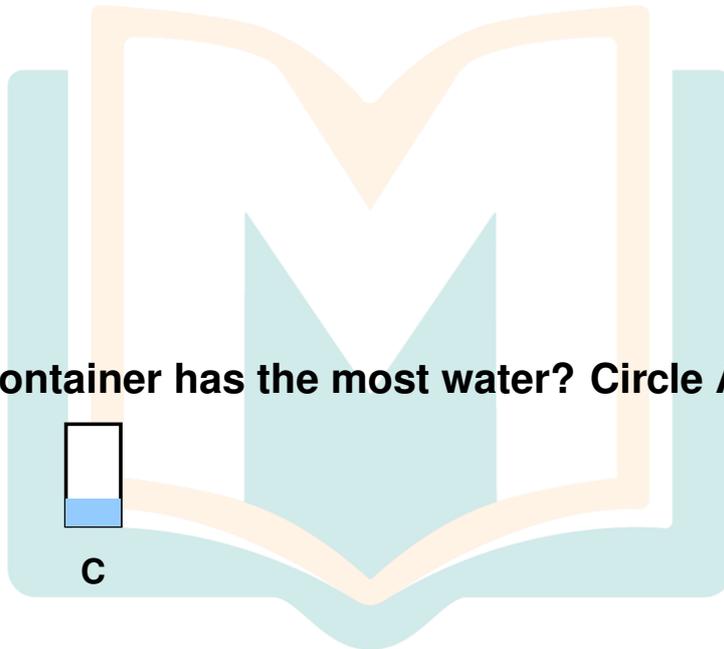
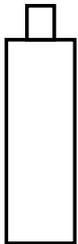


Jug A

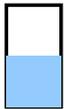


Jug B

5. Draw water in the bottle to make it half-full:



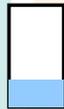
6. Which container has the most water? Circle A, B, or C.



A



B



C

7. True or False: An empty bottle holds no water.

Answer (circle one):

TRUE

FALSE



## Capacity Captain!

**Joke Time:** What did one ocean say to the other ocean?

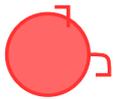


Nothing, they just waved!

## Section 2: Which Holds More?

Compare two objects. Circle the one that holds more water.

8. Which holds more? Circle the teapot or the spoon.



Teapot



Spoon

9. Which holds more? Circle the bucket or the cup.

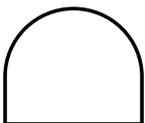


Bucket



Cup

10. Which holds more? Circle the bathtub or the sink.



Bathtub



Sink



**11. Which holds less water? Circle bowl or swimming pool.**

Answer: \_\_\_\_\_

**12. Which holds more? Circle bottle or thimble.**

Answer: \_\_\_\_\_

**13. A jug can hold 2 litres. A cup can hold 250ml. Which holds more?**

Answer: \_\_\_\_\_

**14. True or False: A teaspoon holds more water than a bucket.**

Answer (circle one):

TRUE

FALSE

### Full of Brains!

**Joke Time:** Why did the cup go to school?  
To get a little "mug-ucation"!





## Section 3: Ordering Containers

Put the containers in order by how much they can hold.

**15. Order from LEAST to MOST: Bathtub, Mug, Bucket**

Order: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**16. Order from MOST to LEAST: Spoon, Jug, Swimming Pool**

Order: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**17. Number these 1, 2, 3 (1 = holds the least):**

Cup \_\_\_\_\_ Sink \_\_\_\_\_ Bottle \_\_\_\_\_

**18. Which container holds the most?**

Teaspoon      Glass      Kettle      Eyedropper

Answer: \_\_\_\_\_

**19. Which container holds the least?**

Bowl      Ocean      Thimble      Bucket



Answer: \_\_\_\_\_

**20. I need to carry a lot of water. Which should I use?**

Bucket          Spoon          Thimble

Answer: \_\_\_\_\_

**21. I want to water a plant. Which is best?**

Swimming Pool          Watering Can          Teaspoon

Answer: \_\_\_\_\_

### Capacity Captain!

**Joke Time:** What do you call a bear with no teeth?

A gummy bear!





# Answer Key

## Year 1 Mathematics - Worksheet 33

### Section 1: Full or Empty?

1. Cup C

2. Cup B

3. Glass B

4. Jug B

5. Student should draw water filling half the bottle

6. B

7. TRUE



### Section 2: Which Holds More?

8. Teapot



9. Bucket

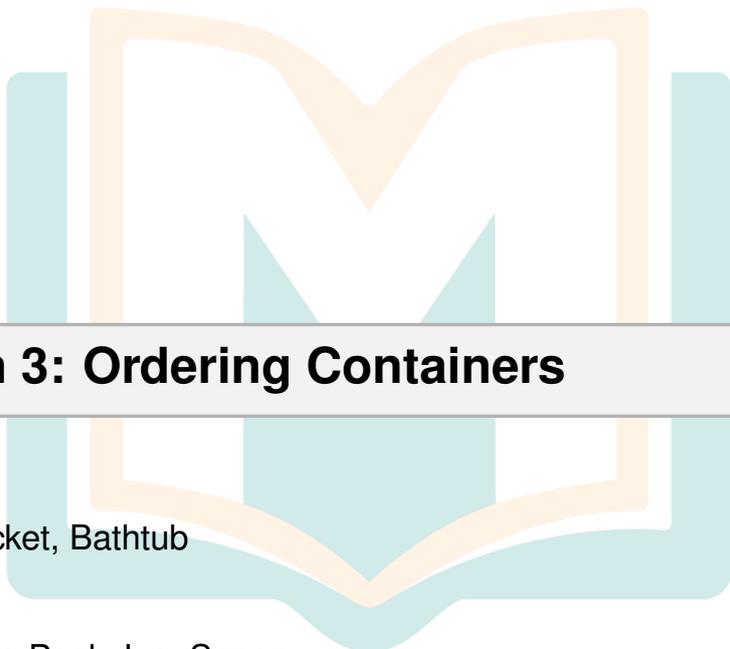
10. Bathtub

11. Bowl

12. Bottle

13. Jug

14. FALSE



### Section 3: Ordering Containers

15. Mug, Bucket, Bathtub

16. Swimming Pool, Jug, Spoon

17. Cup: 1, Bottle: 2, Sink: 3

18. Kettle

19. Thimble

20. Bucket



## 21. Watering Can





# Capacity (Full & Empty)

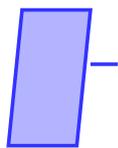
Year 1 Mathematics - Worksheet 34

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Section 1: How Many Cups?

Use informal units to measure capacity.

1. It takes 4 cups to fill this jug. How many cups to fill 2 jugs?



Jug



= 4 cups

Answer: \_\_\_\_\_ cups

2. It takes 3 cups to fill a bowl. How many cups for 3 bowls?

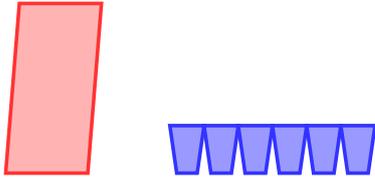
Answer: \_\_\_\_\_ cups

3. A bucket holds 5 cups of water. How many cups for 2 buckets?

Answer: \_\_\_\_\_ cups



**4. How many small cups to fill the large jug?**



**Large Jug**

Answer: \_\_\_\_\_ cups

**5. A bottle holds 2 glasses of juice. I have 4 bottles. How many glasses in total?**

Answer: \_\_\_\_\_ glasses

**6. It takes 10 spoons to fill a cup. How many spoons to fill 2 cups?**

Answer: \_\_\_\_\_ spoons

**7. A kettle holds 6 mugs of water. How many mugs for 3 kettles?**

Answer: \_\_\_\_\_ mugs



## Full of Brains!

**Joke Time:** Why don't scientists trust atoms?  
Because they make up everything!



## Section 2: Comparing Measures

Compare capacity measurements.

8. Bowl A holds 3 cups. Bowl B holds 5 cups.

 3 cups

 5 cups

Bowl A

Bowl B

Which bowl holds more? \_\_\_\_\_

How many more cups does it hold? \_\_\_\_\_

9. Jug A holds 6 glasses. Jug B holds 4 glasses. Which holds less?

Answer: \_\_\_\_\_

How many glasses less? \_\_\_\_\_

10. Bottle A = 7 cups. Bottle B = 7 cups. Are they the same?



Answer (circle one):                    YES                    NO

**11. Tank A holds 20 buckets. Tank B holds 15 buckets. Which is bigger?**

Answer: \_\_\_\_\_

How many buckets bigger? \_\_\_\_\_

**12. Mug A holds 2 cups. Mug B holds 3 cups. I need 10 cups of water. Which mug should I use fewer times?**

Answer: \_\_\_\_\_

**13. A small bottle holds 4 glasses. A large bottle holds 8 glasses. How many more glasses does the large bottle hold?**

Answer: \_\_\_\_\_ glasses

### Capacity Captain!

**Joke Time:** What did the glass say to the water?  
"You crack me up!"





## Section 3: Word Problems Challenge

Solve these capacity word problems!

**14. I have a bottle of juice. I pour 3 glasses. The bottle is still half full. How many glasses can the whole bottle hold?**

Answer: \_\_\_\_\_ glasses

**15. A jug holds 8 cups. I pour out 5 cups. How many cups are left in the jug?**

Answer: \_\_\_\_\_ cups

**16. I need 12 cups of water. My bucket holds 4 cups. How many times do I need to fill the bucket?**

Answer: \_\_\_\_\_ times

**17. A bottle holds 10 spoonfuls. I drink 4 spoonfuls. How many spoonfuls are left?**

Answer: \_\_\_\_\_ spoonfuls

**18. Bowl A holds 5 cups. Bowl B holds 3 cups. If I pour**



**Bowl B into Bowl A, how many cups are in Bowl A?**

Answer: \_\_\_\_\_ cups

**19. A fish tank holds 20 buckets of water. It is half full. How many buckets are in it now?**

Answer: \_\_\_\_\_ buckets

**20. I fill 3 cups. Each cup holds 2 spoonfuls. How many spoonfuls in total?**

Answer: \_\_\_\_\_ spoonfuls

**21. A jug is empty. I add 4 cups of water. Then I add 3 more cups. How many cups are in the jug?**

Answer: \_\_\_\_\_ cups

**22. My bottle holds 9 glasses of juice. I drink 4 glasses. How many are left?**

Answer: \_\_\_\_\_ glasses



## Full of Brains!

**Joke Time:** Why did the cookie go to the doctor?  
Because it felt crumbly!





# Answer Key

## Year 1 Mathematics - Worksheet 34

### Section 1: How Many Cups?

1. 8 cups
2. 9 cups
3. 10 cups
4. 6 cups
5. 8 glasses
6. 20 spoons
7. 18 mugs



### Section 2: Comparing Measures

8. Bowl B, 2 cups more



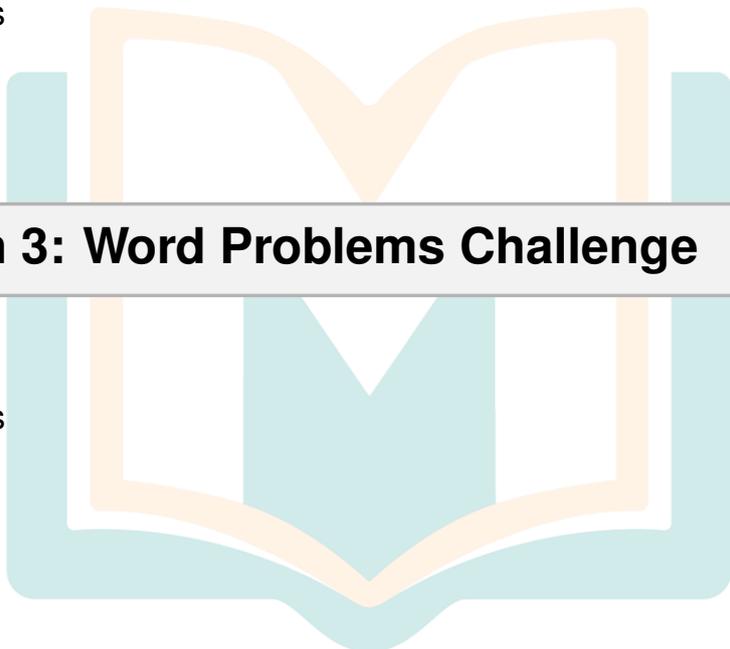
9. Jug B, 2 glasses less

10. YES

11. Tank A, 5 buckets bigger

12. Mug B (3-cup mug)

13. 4 glasses



### Section 3: Word Problems Challenge

14. 6 glasses

15. 3 cups

16. 3 times

17. 6 spoonfuls

18. 8 cups

19. 10 buckets

20. 6 spoonfuls



**21.** 7 cups

**22.** 5 glasses

