



মণিপুরৰ শিক্ষা বিভাগ (অংক)

DEPARTMENT OF EDUCATION (S)
Government of Manipur

MATHEMATICS
CLASS-II
CHAPTER-7
JUGS AND MUGS

TEXTUAL QUESTIONS AND ANSWER

NOTES

The purpose of this section is to encourage students to observe their surroundings. Students will be encouraged to solve word problems related to volume. Determining the sum and difference of volume of an item is helpful in elevating the understanding of standard units of volume. The concept will help us clearly in estimating the volume of liquids in different vessels

SOLUTIONS

Q.1 Guess and then find out:

a) How many drops of lemon juice do you get from half a lemon?

Ans. I will get 10 drops of lemon juice from a half a lemon.

b) How many drops of lemon juice do you get from a full lemon?

Ans. I will get 20 drops lemon juice from a full lemon.

c) How many drops of lemon juice fill one spoon?

Ans. 8 drops of lemon juice is needed to fill a spoon.

**The answer may vary from student to student, based on his/her experience. It is highly recommended that the students prepare the answer on their own.*

Q.2 For making 6 glasses of lemon drink —

a) How many lemons will you need?



Ans. I will take 6 lemons.

b) How many spoons of sugar will you take?

Ans. I will take 6 spoons of sugar.

** The answer may vary from student to student, based on his/her experience. It is highly recommended that the students prepare the answer on their own.*

Lemon Drink Stall at a Village Fair

There is a fair in Chaitra's village. Chaitra, Nazim and Aneesh want to put up a stall to sell lemon drink. They make  a bucket full of lemon drink. They use two  different sizes of glasses.



Aneesh got a jug.

Q.3 Do you think it is easier to pour into a glass from a jug than a bucket?

Ans. Yes, it is easier to pour a liquid into a glass from a jug than that from a bucket.

Q.4 Nazim found that two big glasses fill the jug.

Shabnam wants to buy one jug full of lemon drink.

How much does she need to pay? _____

Ans. Cost of 1 big glass of lemon drink = Rs 10

Cost of 2 big glasses of lemon drink = $\text{Rs } 10 \times 2 = \text{Rs } 20$

2 big glasses fill the jug of lemon drink, so, she needs to pay Rs 20 to buy one jug full of lemon drink.

Q.5 Chaitra found that two small glasses fill one big glass.

How many small glasses of lemon drink will fill the jug? _____

How many small glasses will fill half the jug?

Ans. Number of small glasses needed to fill the large glass = 2

Number of large glasses needed to fill the jug = 2

Number of small glasses needed to fill the jug = $2 \times 2 = 4$

Thus, 4 small glasses of lemon drink will fill the jug. 2 small glasses of lemon drink will fill half the jug.

Q.6 Sunaina and Jaspreet brought different vessels from the kitchen. They had a jug

, a glass , a mug , a pot  and a bowl . They filled each of these with a cup.



Guess which vessel holds the least water. _____






Which vessel holds the most water? _____

Now, you collect different vessels from your kitchen.
Use the same cup to fill each of them.

Count the number of cups  of water each of them can hold.
First guess and then do it.

Ans.

- The bowl will hold the least water.
- The pot will hold the most water.

<i>The vessel you used</i>	<i>Cups of water to fill it</i>
	2 cups
	7 cups
	4 cups
	9 cups
	3 cups

* The answer may vary from student to student, based on his/her experience and the size of the vessel they used.

Q.7 Ring the one which holds more water

(a)



(b)



(c)








(d)



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Ans.



Q.8 Anil is a milkman. He gives the same amount of milk at Rani's house every day. He uses a mug  three times to fill Rani's milk pot . One day Rani's mother gave her a different pot  to take milk. Every day Rani's pot  would fill to the top. But today Rani found that the  pot was not filled completely.



Do you think Anil has given Rani less milk? Help her.

Ans. No, Anil has not given Rani less milk. The pot  is large in size as compared to the Rani's earlier pot . That is why it was not completely filled.

Q.8 How much milk does your mother buy every day?

** The answer may vary from student to student, based on his/her observation. It is highly recommended that the students prepare the answer on their own.*

Q.9 Find out how much water (in mugs or buckets) is used in your house for each of the following.



Guess and then find out:

a) How many mugs of water fill one bucket?

Ans. 8 mugs of water is needed to fill one bucket.

b) How many buckets of water do you use to take a bath?

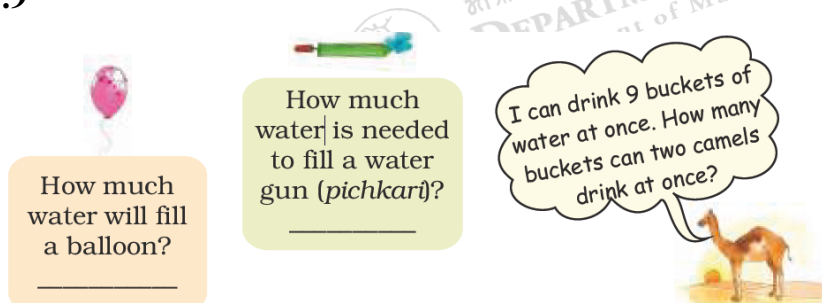
Ans. I used to take 2 buckets of water to take a bath.

c) How many mugs of water do you use to take a bath?

Ans. I used to take 16 mugs of water to take a bath

** The answer may vary from student to student, based on his/her experience. It is highly recommended that the students prepare the answer on their own.*

Q.9



Ans.

**The answer may vary from student to student, based on his/her experience. It is highly recommended that the students prepare the answer on their own.*