

Grade 4 Mathematics - Chapter 7

Jugs and Mugs

Original CBSE/NCERT-aligned learning material for Paryan's Learning Hub

Learning goals

Learn and practise capacity and volume, litres and millilitres, comparing containers, real-life capacity problems.

1. Let's Learn

In this chapter, we explore capacity and volume, litres and millilitres, comparing containers and real-life capacity problems. Use the examples and activities to connect mathematics with everyday life.

Key Ideas

Topic	Remember
Capacity and volume	Look for examples around you and explain the idea in your own words.
Litres and millilitres	Look for examples around you and explain the idea in your own words.
Comparing containers	Look for examples around you and explain the idea in your own words.
Real-life capacity problems	Look for examples around you and explain the idea in your own words.

2. Guided Practice

- 1 litre = _____ millilitres.
- 2 litres = _____ millilitres.
- 1500 mL = _____ L _____ mL.
- A jug has 2 L of water. 750 mL is used. How much remains?
- Four bottles hold 500 mL each. What is their total capacity?

3. More Practice

- Write one real-life example related to capacity and volume.
- Explain litres and millilitres to a friend using your own example.
- Make a small drawing or table showing comparing containers.
- Create one maths question about real-life capacity problems and solve it.
- Check your answer and explain how you know it is reasonable.

4. Activity Time

Complete this activity using objects or information from your home or classroom. Record what you observe, calculate where needed, and explain your result.

What I observed	My calculation / drawing	My answer
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

5. Challenge Corner

1. Make a harder question using the main idea of this chapter and solve it.
2. Find two different ways to explain one answer.
3. Where might you use this mathematics outside school?
4. Teach one idea from this chapter to a family member.

6. Quick Quiz

1. 1 litre = _____ millilitres.
2. 2 litres = _____ millilitres.
3. 1500 mL = _____ L _____ mL.
4. A jug has 2 L of water. 750 mL is used. How much remains?
5. Four bottles hold 500 mL each. What is their total capacity?

Answer Key

1. 1000 mL
2. 2000 mL
3. 1 L 500 mL
4. 1 L 250 mL
5. 2 L

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