

Grade 4 Mathematics - Chapter 12

How Heavy? How Light?

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

Learning goals

Learn and practise weight and mass, grams and kilograms, comparing weights, measurement problems.

1. Let's Learn

In this chapter, we explore weight and mass, grams and kilograms, comparing weights and measurement problems. Use the examples and activities to connect mathematics with everyday life.

Key Ideas

Topic	Remember
Weight and mass	Look for examples around you and explain the idea in your own words.
Grams and kilograms	Look for examples around you and explain the idea in your own words.
Comparing weights	Look for examples around you and explain the idea in your own words.
Measurement problems	Look for examples around you and explain the idea in your own words.

2. Guided Practice

- 1 kg = _____ g.
- 2 kg 500 g = _____ g.
- Which is heavier: 900 g or 1 kg?
- A bag weighs 3 kg and another 2 kg. Total?
- 5 kg - 750 g = _____.

3. More Practice

- Write one real-life example related to weight and mass.
- Explain grams and kilograms to a friend using your own example.
- Make a small drawing or table showing comparing weights.
- Create one maths question about measurement 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 kg = _____ g.
2. 2 kg 500 g = _____ g.
3. Which is heavier: 900 g or 1 kg?
4. A bag weighs 3 kg and another 2 kg. Total?
5. 5 kg - 750 g = _____.

Answer Key

1. 1000 g
2. 2500 g
3. 1 kg
4. 5 kg
5. 4 kg 250 g

Paryan's Learning Hub - Grade 4 Mathematics. Original educational material; not a reproduction of an NCERT textbook chapter.