

Grade 4 Mathematics - Chapter 13

Fields and Fences

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

Learning goals

Learn and practise perimeter, measuring boundaries, length of sides, fields and fences.

1. Let's Learn

In this chapter, we explore perimeter, measuring boundaries, length of sides and fields and fences. Use the examples and activities to connect mathematics with everyday life.

Key Ideas

Topic	Remember
Perimeter	Look for examples around you and explain the idea in your own words.
Measuring boundaries	Look for examples around you and explain the idea in your own words.
Length of sides	Look for examples around you and explain the idea in your own words.
Fields and fences	Look for examples around you and explain the idea in your own words.

2. Guided Practice

1. Find the perimeter of a square with side 5 cm.
2. A rectangle is 6 cm long and 4 cm wide. Perimeter?
3. A triangular field has sides 10 m, 12 m and 8 m. Perimeter?
4. A square garden has side 9 m. Fence needed?
5. Perimeter means the length around the _____ of a shape.

3. More Practice

1. Write one real-life example related to perimeter.
2. Explain measuring boundaries to a friend using your own example.
3. Make a small drawing or table showing length of sides.
4. Create one maths question about fields and fences and solve it.
5. 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. Find the perimeter of a square with side 5 cm.
2. A rectangle is 6 cm long and 4 cm wide. Perimeter?
3. A triangular field has sides 10 m, 12 m and 8 m. Perimeter?
4. A square garden has side 9 m. Fence needed?
5. Perimeter means the length around the _____ of a shape.

Answer Key

1. 20 cm
2. 20 cm
3. 30 m
4. 36 m
5. boundary

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