

Grade 4 Mathematics - Chapter 8

Carts and Wheels

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

Learning goals

Learn and practise circles and circular objects, centre and radius, drawing circles, wheels in everyday life.

1. Let's Learn

In this chapter, we explore circles and circular objects, centre and radius, drawing circles and wheels in everyday life. Use the examples and activities to connect mathematics with everyday life.

Key Ideas

Topic	Remember
Circles and circular objects	Look for examples around you and explain the idea in your own words.
Centre and radius	Look for examples around you and explain the idea in your own words.
Drawing circles	Look for examples around you and explain the idea in your own words.
Wheels in everyday life	Look for examples around you and explain the idea in your own words.

2. Guided Practice

1. Name three circular objects.
2. The fixed point in the middle of a circle is called the _____.
3. A line from the centre to the circle is called the _____.
4. If two circles have radii 3 cm and 5 cm, which is larger?
5. What tool can be used to draw a neat circle?

3. More Practice

1. Write one real-life example related to circles and circular objects.
2. Explain centre and radius to a friend using your own example.
3. Make a small drawing or table showing drawing circles.
4. Create one maths question about wheels in everyday life 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. Name three circular objects.
2. The fixed point in the middle of a circle is called the _____.
3. A line from the centre to the circle is called the _____.
4. If two circles have radii 3 cm and 5 cm, which is larger?
5. What tool can be used to draw a neat circle?

Answer Key

1. Answers vary
2. centre
3. radius
4. 5 cm radius circle
5. compass

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