

NCERT Solutions for Class 5 Maths Chapter 8: Our subject matter experts have provided NCERT Solutions Class 5 Maths Chapter 8 - Mapping Your Way here so that primary students can prepare properly for their exams. The NCERT Solutions are created by the Class 5 CBSE syllabus.

A fundamental component of mathematics, geometry introduces a variety of shapes, including triangles, pentagons, and hexagons. There are other parts as well, such as calculating the different distances between locations. Get Class 5 NCERT Textbooks here as well, which you may download quickly to prepare for tests.

NCERT Solutions for Class 5 Maths Chapter 8 Overview

Chapter 8, "Mapping Your Way," in Class 5 Maths, offers an introduction to geometric ideas. This chapter is crucial because it helps students build the fundamental knowledge they will need to comprehend vital ideas regarding angles, scaling ratios, and theorems about triangles, circles, and hexagons in the future.

To help the class 5 students understand the material and have a solid understanding of geometry fundamentals, the NCERT Solution for Class 5 Maths Chapter 8 offers detailed solutions and explanations in simple language.

NCERT Solutions for Class 5 Maths Chapter 8

Match the map and Photo:



1. Have you seen a map? Look at the Map. Match it with the photo and find out where India Gate is. Draw it on the map.

Solution:

Yes, I have seen a map.

2. Name the roads that you will cross on your way from Rashtrapati Bhawan to India Gate.

Solution:

On my route from Rashtrapati Bhawan to India Gate, I shall traverse Tilak Marg, Janpath, and Rafi Marg.

3. Look for the National Stadium in Map 1. Can you see it in the photo?

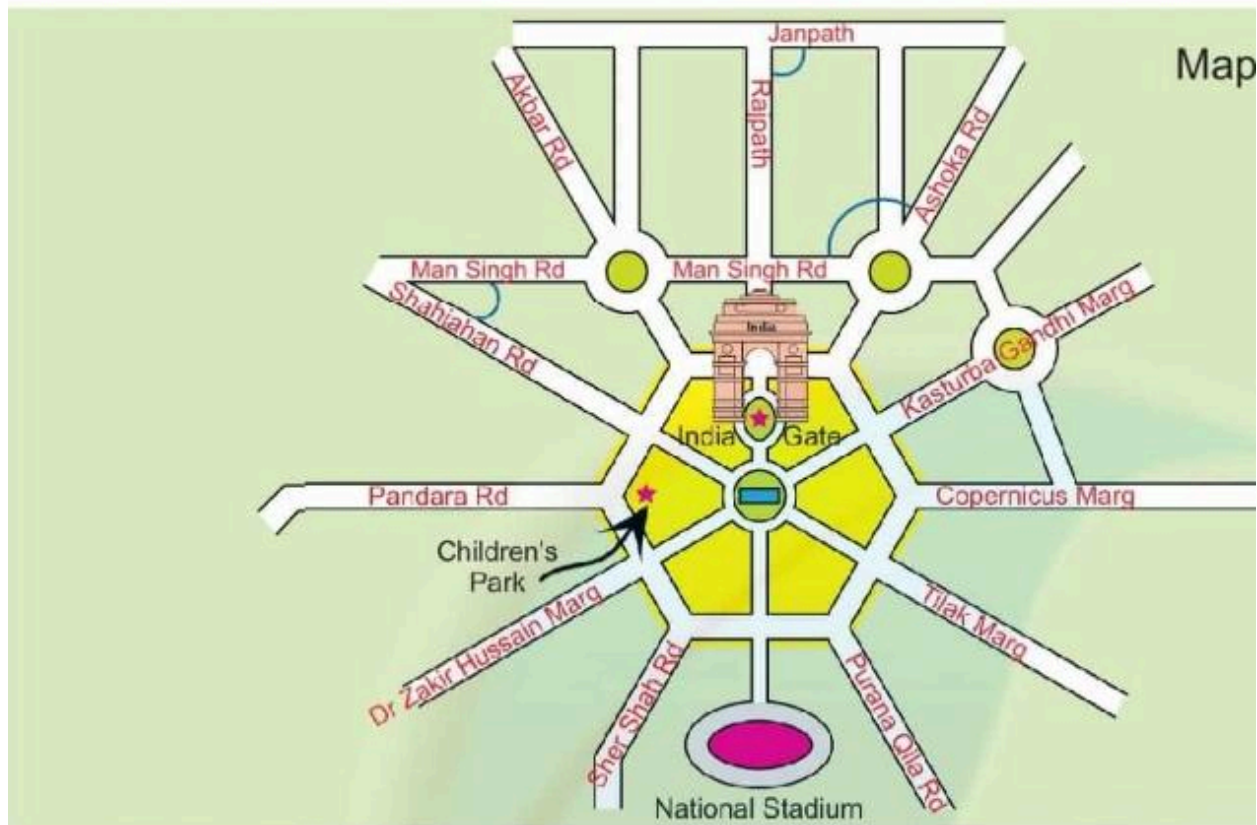
Solution:

The National Stadium is seen in Map 1, but cannot be seen in the photo.

The Central hexagon:

If we zoom in to look more closely at one part of the map, it looks like this.

Find out from the map:



1. If you are walking on Rajpath then after India Gate on which side would Children's Park be?

Solution:

Walking along Rajpath, the Children's Park will be on the right side.

2. Which of these roads makes the biggest angle between them?

(a) Man Singh Road and Shahjahan Road

(b) Ashoka Road and Man Singh Road (the angle away from India Gate)

(c) Janpath and Rajpath

Solution:

(b) Ashoka Road and Man Singh Road

3. Which of the above pairs of roads cut at right angles?

Solution:

Janpath and Rajpath cut at right angles.

Waiting for the parade:

While waiting for the parade, Kancha and some of his friends wonder where this parade ends. Vijay Chowk — Rajpath — India Gate — Tilak Marg — B.S. Zafar Marg — Subhash Marg — Red Fort. Kancha is carrying a newspaper in which the route of the parade is written —

Mark the route:

1. Trace the route of the parade in Map 3 and mark India Gate and Rajpath

Solution:

The route of the parade is traced below.

2. Look at the map carefully and find out:

a) Which of these is the longest road?

i. B S Zafar Marg ii. Subhash Marg iii. Tilak Marg

Solution:

The longest road among them is Subhash Marg.

b) If Rubia is coming from Jama Masjid to join the parade, guess how far she has to walk.

Solution:

We are aware that the Jama Masjid and Subhash Marg are 1 centimetre apart on the map, which represents the parade route.

In given map the scale is $2\text{ cm} = 1\text{ km}$ so, $1\text{ cm} = 0.5\text{ km}$

We know that, $1\text{ km} = 1000\text{ m}$ so, $0.5\text{ km} = 500\text{ m}$

Thus, Rubia will have to walk about 500 m to join the parade

c) The total route of the parade is about how long?

i. 3km ii.16km iii.25 km iv.8km

Solution:

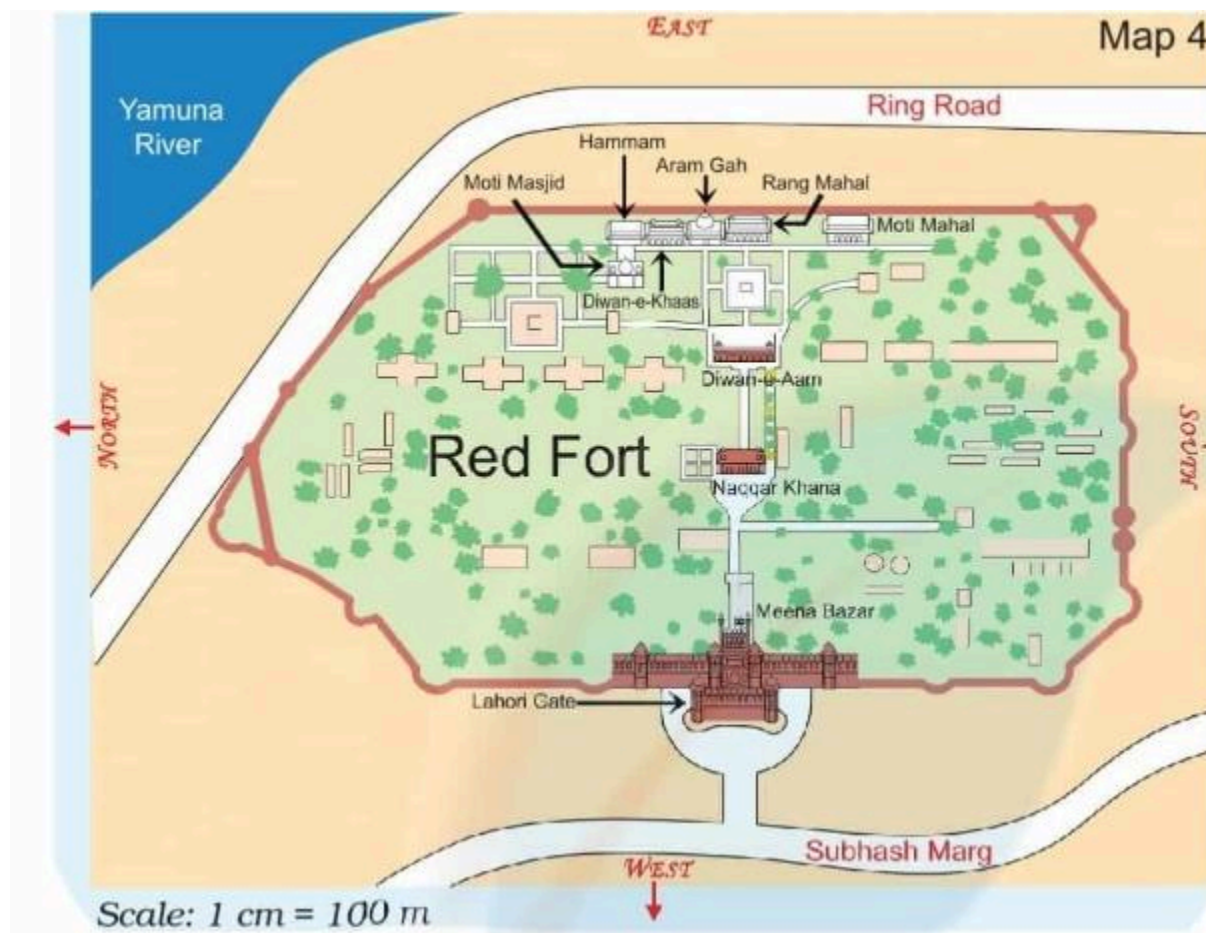
The total distance of the parade on the map is 16 cm.

And we know that, 2 cm on map = 1 km Thus, 16 cm = 8 km

So, the total route of the parade will be about 8 km.

Trip to Red Fort:

Find out from Map 4



1. Which of these is nearer to river Yamuna? — The Diwan-e-Aam or the Diwan-e-Khaas?

Solution:

Compared to Diwan-e-Aam, Diwan-e-Khaas is closer to the Yamuna River.

2. Between which two buildings is Aaram Gah?

Solution:

Rang Mahal and Diwan-e-Khaas are separated by Aaram Gah.

3. Which buildings do you pass while going from Rang Mahal to the Hammam?

Solution:

On our way from Rang Mahal to the Hammam, we will pass through Aram Gah and Diwan-e-Khaas.

4. Which building on this map is farthest from Meena Bazar?

Solution:

Meena Bazar is closest to Hammam.

5. About how far is Lahori Gate from Diwan-e-Khaas?

Solution:

The map distance of Lahori Gate from Diwan-e-Khaas is about 6 cm.

We know $1 \text{ cm} = 100 \text{ m}$

So, the ground distance of Lahori Gate from Diwan-e-Khaas = $6 \times 100 = 600 \text{ m}$

Make it bigger, make it smaller:

Here are some pictures drawn on a 1cm square grid. Try making the same pictures on a 2 cm grid and also on a $\frac{1}{2}$ cm grid.

The side of the square was made two times bigger. Does its area also become two times bigger?

Solution:

Assume the square's side was once one centimetre long. Hence, area of square = side \times side = 1×1 square centimetre = 1 square centimetre

Two centimetres will be the new side length of the square once its side has been doubled in size. Area of square = side by side = $2 \text{ by } 2$ square centimetres = 4 square centimetres

Thus, the square's area increases to four times its initial size when its side is doubled in size.

Dancers from Different States:

Look at the map of India below and find the states these children are talking about. Answer the questions:

1. The Karnataka team starts from Bangalore and moves in the north direction. Which states does it cross to reach Delhi?

Solution:

Maharashtra, Madhya Pradesh and Rajasthan.

2. Jammu and Kashmir are to the north of Delhi so the team travels towards south to reach Delhi. Which states does it cross?

Himachal Pradesh, Punjab and Haryana.

3. Nonu lives in Gujarat. Nonu's friend Javed lives in West Bengal. Nonu wants to visit his friend. In which direction will he travel?

a) Towards west b) Towards east c) Towards south d) Towards north

Solution:

b) Towards the east

4. Is there any state which is to the north of Jammu and Kashmir?

Solution:

No state exists that is located north of Jammu and Kashmir.

5. Is there any state which is to the west of Gujarat?

Solution:

There isn't a state that lies west of Gujarat.

6. If 1 cm on the map shows 200km on the ground, use this scale to find out:

A) About how far is Delhi from Jaipur?

a) 50 km b) 500 km c) 250 km

Solution:

c) 250 km

B) Estimate how far Jaipur is from Bhopal.

On the map = _____ cm.

On the ground = _____ km

Solution:

On the map = 2cm.

On the ground = 400km

Benefits of NCERT Solutions for Class 5 Maths Chapter 8

A Class 5 student's learning experience is enhanced in a number of ways by the NCERT Solution for Maths Chapter 8 in Class 5.

- Make use of very simple language and vocabulary.
- Explains the specifics step by step.
- Adheres to the most recent CBSE curriculum
- Carefully complied with the marking criteria and curated by subject matter specialists.
- Students should so carefully adhere to these solutions in order to better understand the material and have a more positive learning experience.