

NCERT Solutions for Class 4 Maths Chapter 5: In the NCERT Class 4 Maths book, Chapter 5, "The Way the World Looks," students are introduced to the idea of understanding many viewpoints of objects. Teaching students how things seem from various perspectives, including front, side, and top, helps them see spaces and forms in their environment.

Engaging exercises and examples, such as drawing objects from multiple perspectives and identifying known objects from different angles, are included in this chapter. Additionally, it supports the development of kid's understanding of space and their capacity for understanding visual cues and pictures. This chapter improves visual-spatial thinking abilities and establishes the groundwork for geometry.

NCERT Solutions for Class 4 Maths Chapter 5 Overview

The goal of the NCERT Class 4 Maths book's Chapter 5, "The Way the World Looks," is to assist students in comprehending how situations and things seem from different perspectives and angles. The concept that an object's appearance might vary depending on whether it is viewed from above, below, or side is introduced in this chapter. Students are taught to identify and sketch objects from various viewpoints, including houses, cars, and common items, through a variety of enjoyable exercises.

In order to improve students' spatial awareness and help them understand ideas of location, distance, and shapes in their surroundings, the chapter also includes examples from real-world situations. The activities aim to foster critical thinking and observational abilities, both of which are essential for understanding geometry in later courses. After finishing this chapter, students will have a stronger foundation in geometric reasoning as they will be able to visualize and express objects from various angles.

NCERT Solutions for Class 4 Maths Chapter 5 The Way the World Looks

Below we have provided NCERT Solutions for Class 4 Maths Chapter 5 The Way the World Looks -

Question: 1

Can you think why Gappu could see the cheese on the jug but Chinky could not?

Answer:

Gappu could see the cheese placed on top of the jug because he was looking down at the scene. Chinky, on the other hand, was running across the floor and was unable to see the cheese.

Question: 2

When I ran around in my house, it looked so big! But from here it looks small. How is that?

Answer:

At a distance, the items appear to be smaller. Gappu was, therefore, observing everything from above. As a result, the things appeared smaller.

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Question: 3

Look at these pictures and discuss why things look wide and big at this end but narrow and small at the other end.



Answer:

We are aware that objects appear differently at various distances. One end of the railway track appears large and open in the first image, whereas the other end appears restricted. This is a result of the difference in viewing distances between the two tracks. For the same reason, we can see in the second image that the rows of the candle are wide at one end and small at the other.

Question: 4

Match two views of the same pose

This is a top view of a girl in a yoga pose.



Only one of the photos below is the correct match of the same yoga pose. Mark it.



Answer:

In the yoga stance, the girl can be seen extending her right arm. Thus, that yoga position is consistent with the first picture. Therefore, the first image is the accurate match.



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Question: 5

These are two different views of the same bowls



In which photo are the bowls upside down?

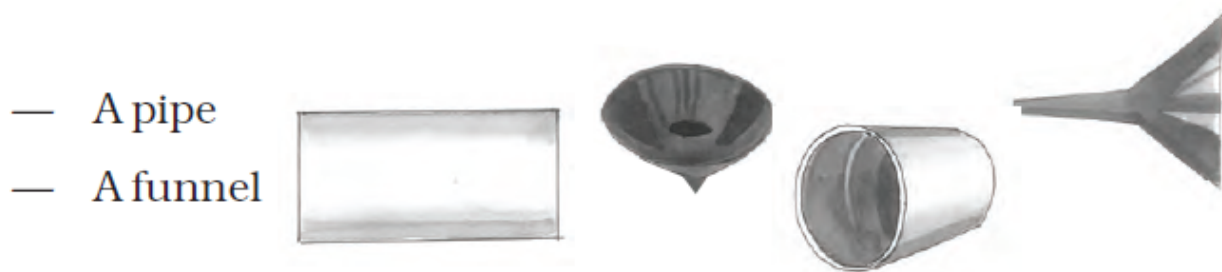
Look at the side view in photo 3 to find the answer.



Answer: In the second photo, the bowls are upside down.

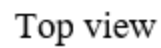
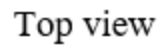
Question: 6

Draw lines to match the side view with the top view of



Answer:

A pipe



Question: 7

(a) Mark the gate nearest to the sweet shop. A /B /C / D

(b) Which gate is nearest to Gappu's house?

**(c) If you enter from gate B, the green bench will be to your –
Left / Right / Front**

(d) When Suhasini entered the park, the flower bed was to her right. Which gate did she enter from?

(e) Which of these is nearest to you if you enter from gate C?

1. Basketball court

2. Flower bed

3. Green bench

4. See-saw

Answer:

(A) Gate A is the one closest to the candy store.

(b) Gappu's home is closest to Gate C.

(c) When we approach gate B, the green bench will be on our left.

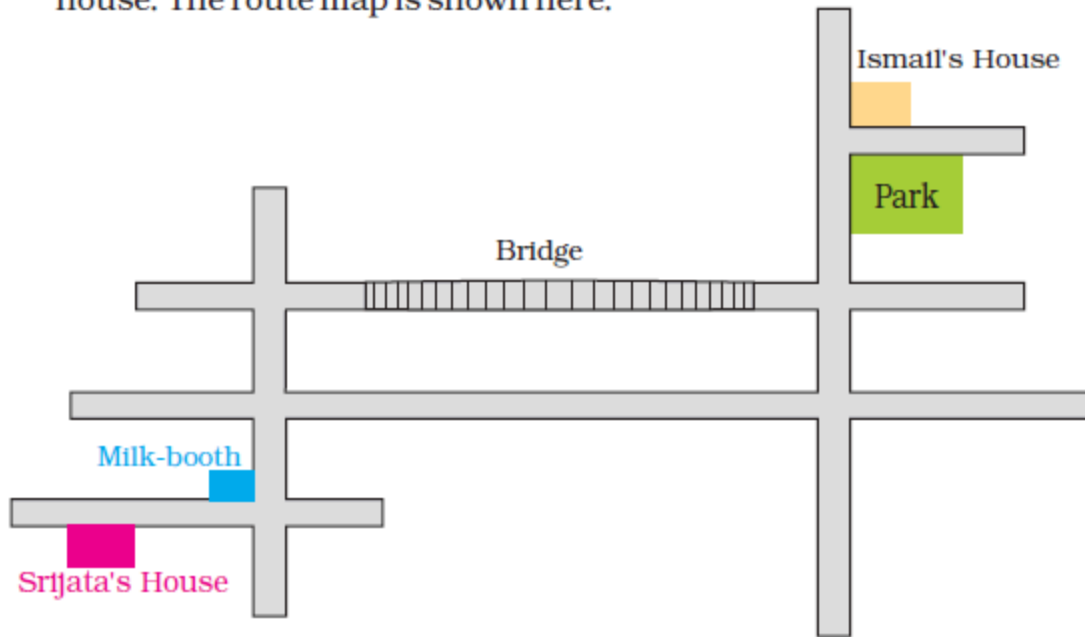
(d) The flower bed will be on the right side if we enter the park through gate D. Suhasini thus went through gate D to enter the park.

(e) Since gate C will bring See-saw the closest to us, option 4 is the right response.

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Ismail's Home

On the phone Ismail told Srijata the route to his house from her house. The route map is shown here.



This is what Ismail told Srijata:



"From your house, reach the milk-booth and then take a left turn. From the second crossing take a right turn and go over the bridge. Go straight and then take the first right turn. After about 100 metres you will see a big park.

When you cross the park you will come to a side lane. My house is the first house in that lane.

Question: 8

- (a) Did Ismail go wrong somewhere? Can you correct him?
- (b) Show where Srijata will reach if she takes the route he told her.
- (c) Write the directions for going from Ismail's house to Srijata's house.

Answer:

- (a) It is true that Ismail made a mistake when he instructed people to turn right onto Srijata after crossing the bridge.

(a) If Srijata followed Ismail's instructions, she would arrive across from his residence.

(c) Make the first right turn after leaving Ismail's residence. Follow directly. Cross the bridge and make the first left turn. Continue from the milk booth, which is the second right turn. Continue straight for around 100 meters, and you will come upon Srijata's red-colored home.

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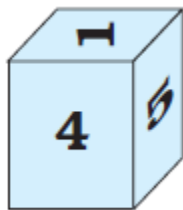
Gibli and the Big Box

Do you remember Gibli the ant in the Math-Magic Book 3?

Well, one day Gibli saw a big box on her way. It looked like this.

Gibli moved across and turned left. Now she could see the other face of the big box.

Gible was confused. What was this box? She climbed on a cup and tried to see from there. The box looked like this.



The numbers on the opposite faces of this box add up to 7

Question: 9

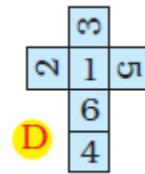
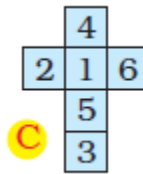
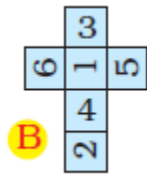
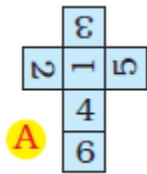
(a) Can you guess what that box-like thing was?

(b) Which number was on the opposite side of 5?

(c) In the picture, which number will be at the bottom?

(d) Which number will Gibli see if she again turns left from 5?

(e) What will this box look like if you opened it up? Mark the correct picture.



Answer:

(a) There were dice in the package.

(b) Because this box's numbers total up to seven on its opposing faces. Thus,

The opposite of five is two, or seven.

Consequently, 2 is the number that opposes 5

(c) The number at the top is visible to be 1.

Thus, the lowest number will be $= 7 - 1 = 6$.

(c) Gibli would see the number 1 if she turned left from 5.

(e) When the box is opened, it resembles the illustration from A.

Try it out

Question: 10

Can you use this box to play a game?

Answer: Yes, we can use this box to play ludo

Benefits of NCERT Solutions for Class 4 Maths Chapter 5

NCERT Solutions for Class 4 Maths Chapter 5, "The Way the World Looks," provide several benefits to students:

Enhanced Spatial Understanding: The solutions help students grasp how objects look from different angles, improving their spatial reasoning skills.

Simplified Concepts: Solutions present complex ideas like front, side, and top views in a simple, easy-to-understand manner.

Visual Learning: The chapter encourages students to think visually and develop better observational skills.

Conceptual Clarity: By practicing the solutions, students can gain a clear understanding of perspectives and how they change with different viewpoints.

Foundation for Geometry: This chapter builds a strong foundation for geometric concepts by helping students visualize shapes and spaces.