

Class 4 Maths: Chapter 5 - 'The Way The World Looks' - Test Worksheet 5 with Separate Answer Key

Class 4 Maths- Chapter5 - The Way The World Looks

Name- _____

Date- _____

Part A: True or False

The same object can look different from different angles. (True/False)

Directions like 'north' and 'south' change based on where you are standing.
(True/False)

Part B: Crossword Puzzle

Create a simple crossword puzzle using terms and concepts from the chapter (e.g., "perspective," "viewpoint," "north," "south," "east," "west," "bird's eye view"). Provide clues related to the chapter content.

Part C: List and Explain

List three objects in the classroom and explain how they might look different from the back of the room compared to the front.

Part D: Analytical Questions

Why do things appear smaller when they are far away?

How would a map of your neighbourhood look different from a photograph taken from above?

Part E: Creative Visualisation

Draw a scene showing the same object from three different perspectives (e.g., a car from the front, side, and top).

Teacher's Use Only

Marks Obtained: _____ / Total

Comments:

Answer Key

Part A: True or False

The same object can look different from different angles. (True)

- Explanation: Objects can appear differently when viewed from various angles due to perspective.

Directions like 'north' and 'south' change based on where you are standing. (False)

- Explanation: 'North' and 'south' are fixed directions and do not change based on the observer's location.
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Part B: Crossword Puzzle

- Here's an idea for one you can create:

Across

- 2. What you have when looking straight down at something (Answer: "TopView")

Direction where the sun sets (Answer: "West")

This type of view is like looking at something head-on (Answer: "FrontView")

Down

Another word for how we see things or point of view (Answer: "Perspective")

Direction opposite to west (Answer: "East")

The view you might have if you were a bird (Answer: "BirdsEyeView")

Part C: List and Explain

Classroom Clock: From the back, it may be harder to see the details or read the time due to the distance.

Teacher's Desk: From the front, it looks organised and neat, while from the back, you might see hidden items like drawers or notes.

Blackboard/Whiteboard: From the front, it's clear and readable, but from the back, it's either invisible or reversed.

Part D: Analytical Questions

Why Do Things Appear Smaller When Far Away?:

- Objects appear smaller at a distance due to the decrease in the angle they subtend at the eye. As the distance increases, this angle decreases, making the object look smaller.

Map vs. Photograph:

- A map is a scaled-down representation showing a bird's eye view with symbols and signs to represent different elements. A photograph from above would show actual colours, textures, and details of the area but might not be to scale or include symbolic representations.

