

CLASS NOTES

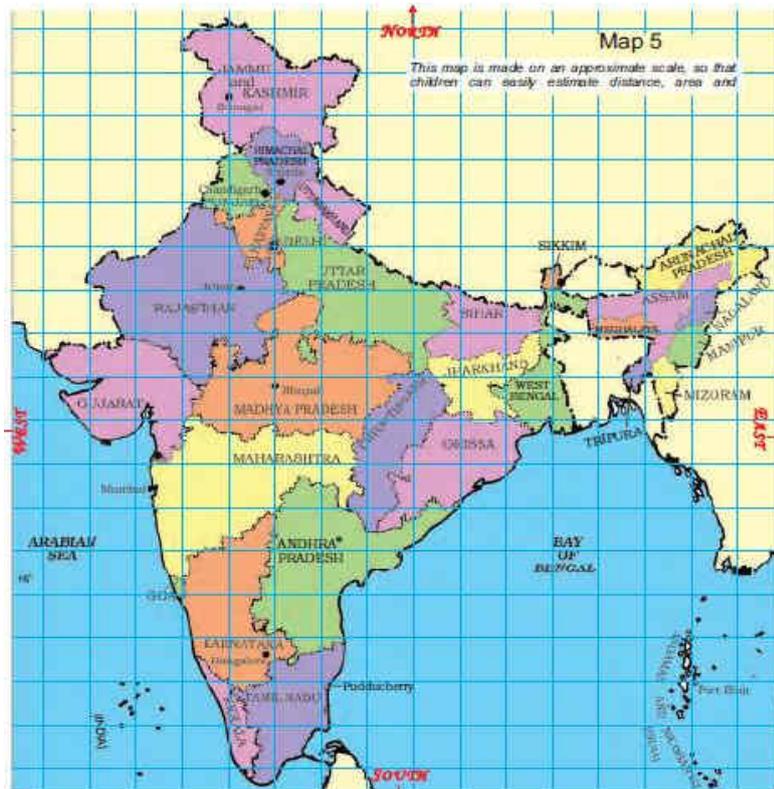
Class: V

Topic: Ch-8

Subject: Mathematics

Mapping your way

Q6. 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?

Ans. Maharashtra, Madhya Pradesh and Rajasthan.

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

Ans. 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

Ans. b) Towards east

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

Ans. No, there is no ^{Indian} state which is to the north of Jammu and Kashmir.

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

Ans. No, there is no ^{Indian} state towards the west of Gujarat.

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

a) About how far is Delhi from Jaipur?

- i) 50 km ii) 500 km iii) 250 km

1 cm=200km

Delhi from Jaipur=1.25cm(approx.)

1.25cm=250km approx.

Ans. iii) 250 km

b) Estimate, how far is Jaipur from Bhopal?

On the map = _____ cm.

On the ground = _____ km

Ans. On the map = 2cm.

On the ground = 400km

7. Look at the map and tell:

a) Which state is surrounded by four other states?

Ans. Himachal Pradesh

b) Which state has the largest area? If its name is not in the map, find it from your teacher or parents.

Explain how you got your answer.

Ans. Rajasthan, this can be observed from the given map.

c) Which state is about 8 times bigger in area than Sikkim?

i. Uttar Pradesh

ii. Tripura

iii. Maharashtra

iv. Himachal Pradesh

Ans. iv) Himachal Pradesh

d) About how many times of Punjab is the area of Rajasthan?

Ans. Rajasthan is about 7 times the area of Punjab.

Q7. The sea:

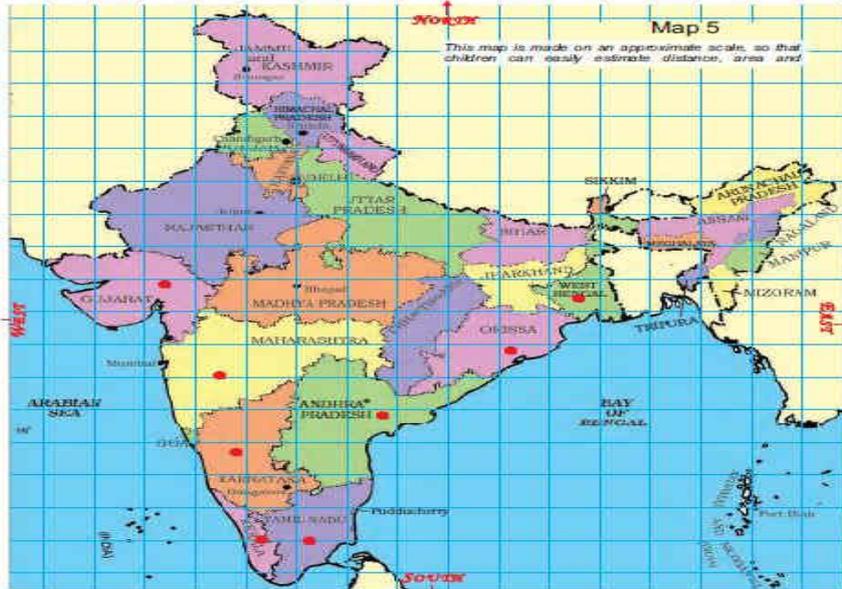
Bala is standing on the sea-coast and looking at the vast sea. The sea looks endless.

1. Have you seen the sea? In the picture where is the sea? Now look for the sea in the map of India.

What colour is used to show the sea?

Ans. Yes, I have seen the sea. The blue colour represents the sea in given picture. Blue colour is used to show the sea in map of India

2. Mark those states which have the sea on one side.



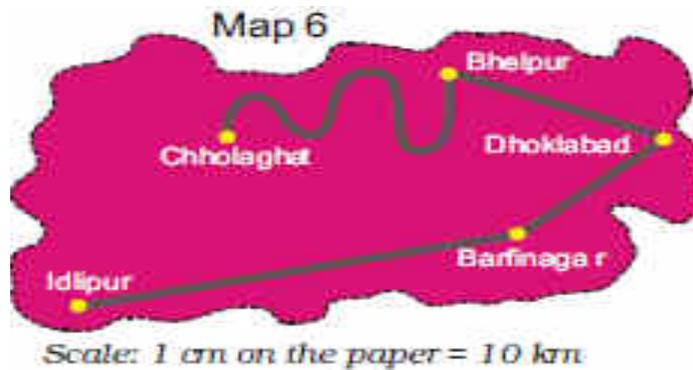
Solution:

The red colour dot shows states which have the sea on one side in below given map.

3. Name one state which does not have the sea on any side.

Ans. Chhattisgarh

Q8.Distance between towns:



These are five towns. Find out:

1. How many cm away is Idlipur from Barfinagar on the map?

Ans. The distance between Idlipur and Barfinagar is 5 cm on the map.

2. How many kilometers will you have to travel if you from Idlipur to Barfinagar?

Solution:

Given, the scale is 1 cm = 10 km

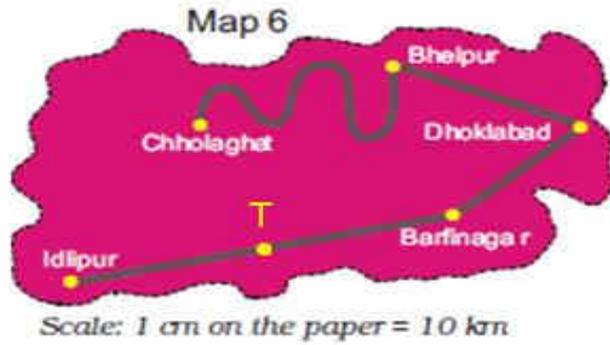
Distance between Idlipur and Barfinagar on the map = 5 cm(approx.)

Now, actual distance between Idlipur and Barfinagar = $5 \times 10 = 50$ km

Thus, we have to travel 50 km to go from Idlipur to Barfinagar.

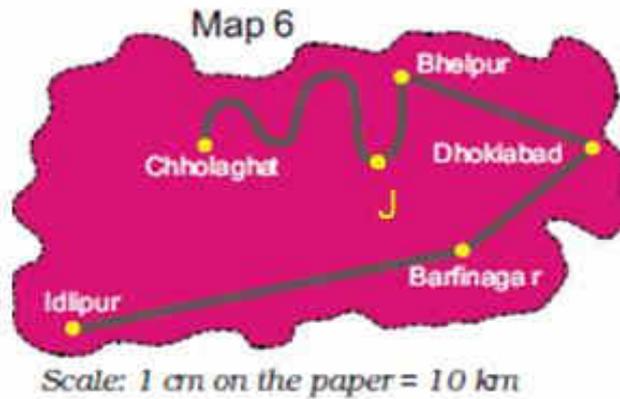
3. There is a place called Thukpagram midway between Idlipur and Barfinagar. Mark it with a 'T'.

Solution:



4. A town called Jalebipur is 35 kms away from both Chholaghat and Dhoklabad. Where do you think it can be? Mark 'J' for it

Solution:



5. Measure the length of the route between Bhelapur and Chholaghat (you can use a thread)

Solution:

On The map the distance between Bhelapur to Chholaghat is 5.5 cm(approx.)

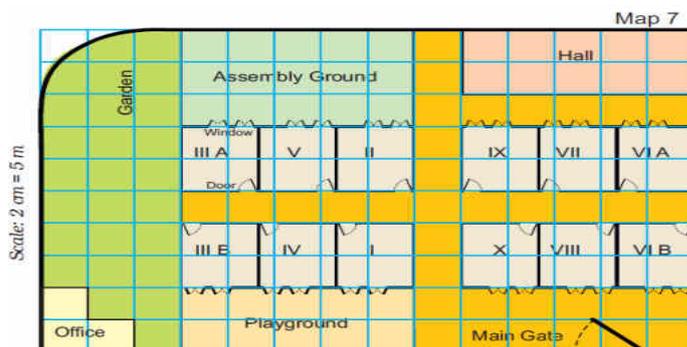
Scale 1 cm on the paper is 10 km

∴ the distance between Bhelapur to Chholaghat = (5.5 cm x 10) =55 km

Q9. Ashi's School:

Ashi's school looks like this from the top.

Use the squares to find out:



1. How many times bigger is the area of the Assembly ground than that of the office?

Solution:

Area of office is 3 sqcm given

and the area of assembly ground is 15 sqcm ($15/3=5$)

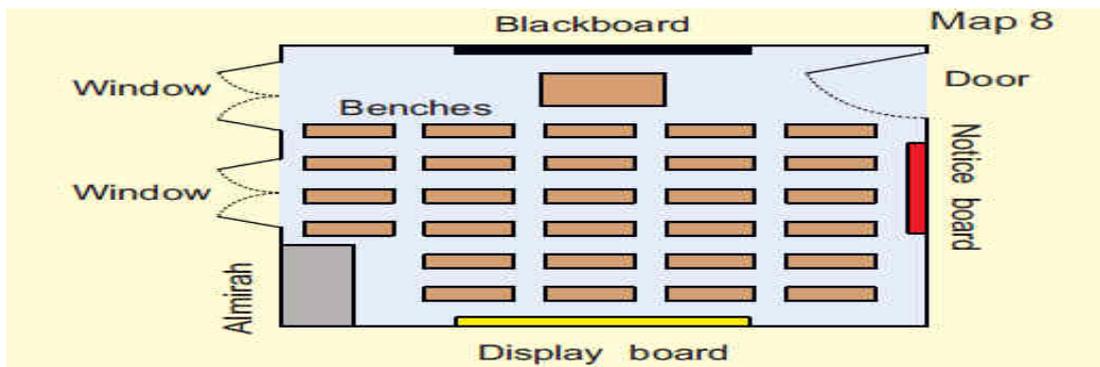
The area of assembly ground is five times bigger than that of office.

2. How much is the length and width of each classroom?

- a) Length 5 m, width 4 m
- b) Length 2 m, width 1 m
- c) Length 12 m, width 10 m
- d) Length 5 m, width 5 m

Ans. a) Length 5 m, width 4 m

3. All the classrooms in Ashi's school look like this.



Look carefully and answer.

a) Which of these is exactly opposite to the blackboard?

* Almirah, windows, notice board, display board

Ans. Display board is exactly opposite to the blackboard.

b) Now look at the school map again. Guess and mark where would these be:

- Blackboard in III-A and VII
- Almirah in IV and X
- Notice board in V and VI-B
- Last seat in middle-row in II
- Display board in I
(DO IT YOURSELF)

c) Can a child sitting in III A see the playground?

Ans. No, a child sitting in III A cannot see the playground.

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