

Park Map Detectives

Use map tools to locate places, read symbols, and measure distance.

5.24.A “apply mapping elements, including grid systems, legends, symbols, scales, and compass roses, to create and interpret maps; and”

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each grid location, circle the names of map tools, and put a star beside facts that tell how to find or measure a place.

A Guide to Pine Creek Park

- ① A walking map of Pine Creek Park uses a grid to help visitors find places. Letters A through D run across the top, and numbers 1 through 4 run down the side. The playground is in B2, while the bird blind is in D3. A compass rose shows north at the top of the map. East is right, west is left, and south is at the bottom.
- ② The map's legend explains the symbols used on the park map. A solid black square means a restroom, and a small tree means a picnic area. A tent-shaped symbol marks a campsite. A dotted line shows a footpath, but a solid line shows a paved path. Near C1, the tree symbol tells visitors that there is a picnic area.
- ③ The scale says that 1 centimeter on the map stands for 200 meters on the ground. The paved path from the entrance to the playground measures 3 centimeters. Therefore, that walk is 600 meters. Before leaving, visitors can use the compass rose to plan a route and use the legend to tell whether a path is paved or a footpath.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 What grid location tells you where to find the bird blind?

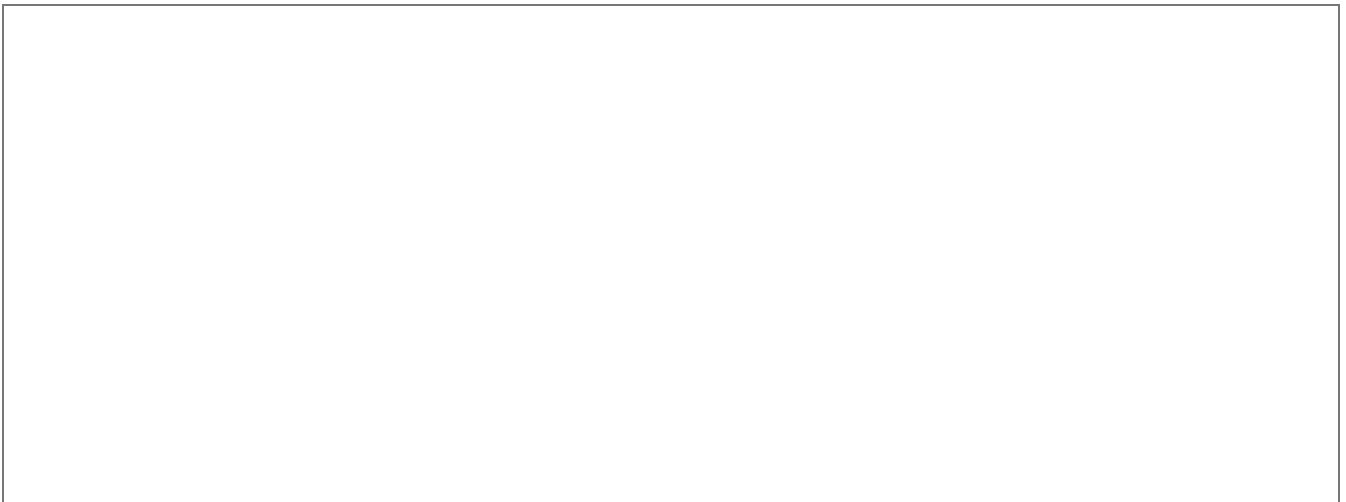
2 According to the legend, what does a dotted line show?

3 The paved path measures 3 centimeters on the map. How far is it on the ground?

4 A visitor walks from the playground at B2 to the bird blind at D3. What direction does the visitor travel?

3 YOUR TURN _____ Your own words

In the box, draw a map of an imaginary mini-park. Include a 3-by-3 grid, a compass rose, a scale that gives a real distance for 1 centimeter, and a legend with at least three symbols. Place and label a playground, picnic area, and restroom in different grid squares.



PART 1 • READ AND MARK

Underline each grid location, circle the names of map tools, and put a star beside facts that tell how to find or measure a place. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What grid location tells you where to find the bird blind?	D3
2	According to the legend, what does a dotted line show?	A footpath.
3	The paved path measures 3 centimeters on the map. How far is it on the ground?	600 meters.
4	A visitor walks from the playground at B2 to the bird blind at D3. What direction does the visitor travel?	Southeast, or east and south.

PART 3 • YOUR TURN (SAMPLE ANSWER)

A 3-by-3 grid is labeled A through C across the top and 1 through 3 down the side. A compass rose shows north at the top, and the scale says 1 centimeter = 100 meters. The legend shows a triangle for the playground, a tree for the picnic area, and a square for the restroom. The playground is at A1, the picnic area is at B2, and the restroom is at C3.

Accept equivalent wording for the map symbols and directions. For the drawing, check that the student includes all required map elements and places the three labeled locations in different grid squares.