

Harbor Key Navigator

Read map descriptions and use each clue to locate places.

SS.4.G.1.4 "Interpret political and physical maps using map elements (title, compass rose, cardinal directions, intermediate directions, symbols, legend, scale, longitude, latitude)."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline the names of map elements in the passage. Circle every cardinal or intermediate direction word, and draw a box around the coordinate pair.

Planning a Harbor Key Trip

- ① To plan a field trip, Maya studied a political and physical map of the fictional island Harbor Key. Its title was "Harbor Key: Places and Landforms." The political map showed the town boundary and the village of Pine Bay. The physical map showed Blue Ridge, Lake Fern, and the coast. A compass rose showed north at the top of the map.
- ② The legend explained that a black line was a town boundary, a triangle was a peak, and a wavy line was a trail. Pine Bay was at 24° N latitude and 81° W longitude. Lake Fern lay southwest of Pine Bay. Blue Ridge measured 3 inches on the map. The scale said 1 inch represented 2 miles.
- ③ Latitude lines measure how far north or south a place is from the Equator. Longitude lines measure how far east or west a place is from the Prime Meridian. Maya used the compass rose to describe a route. She could travel northeast from Pine Bay toward Blue Ridge, then follow the trail south to Lake Fern for the hike.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 According to the legend, what does a triangle symbol stand for?

2 Name one political feature and one physical feature shown on Harbor Key.

3 Write Pine Bay's location with latitude first and longitude second.

4 What direction is Lake Fern from Pine Bay? Blue Ridge is 3 inches long on the map. How many actual miles long is it?

3 YOUR TURN _____ Your own words

Draw a small map of an invented park or island in the box. Include a title, compass rose, legend with two symbols, scale, one political feature, one physical feature, and latitude and longitude for one place. Write one sentence that tells the intermediate direction of one feature from another feature.

PART 1 • READ AND MARK

Underline the names of map elements in the passage. Circle every cardinal or intermediate direction word, and draw a box around the coordinate pair. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	According to the legend, what does a triangle symbol stand for?	A triangle stands for a peak.
2	Name one political feature and one physical feature shown on Harbor Key.	Political: the town boundary or Pine Bay. Physical: Blue Ridge, Lake Fern, or the coast.
3	Write Pine Bay's location with latitude first and longitude second.	24° N latitude, 81° W longitude.
4	What direction is Lake Fern from Pine Bay? Blue Ridge is 3 inches long on the map. How many actual miles long is it?	Lake Fern is southwest of Pine Bay. Blue Ridge is 6 miles long.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Sample map: The title is "Willow Park Map." A compass rose has north at the top. The legend shows that a dashed line means park boundary and a triangle means hill. The scale is 1 inch = 1 mile. Willow Town is inside a boundary, and a hill is labeled 30° N, 90° W. The hill is northeast of Willow Town.

Accept any correctly named political and physical features from the passage. For the map task, accept original maps that include all requested elements and a direction sentence that matches the student's drawing.