

Map Reports Matter

Use geographic tools to share clear, checkable information.

SS.8.G.1 "Understand how to use maps and other geographic representations, tools, and technology to report information."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Circle each map feature or technology the team used. Underline the words that tell what information each one provided.

Reporting During a Flood Drill

- ① During a spring flood drill, Riverton's emergency team used a street map to report which routes remained open. The map title identified the area and purpose. A north arrow showed direction, while a scale converted map distance into real distance. The legend explained symbols for closed roads, shelters, and bridges. These features let team members describe locations precisely instead of saying that a shelter was "near town." Before sharing the report, they checked that the map showed the current road closures.
- ② The team then compared the street map with a satellite image and a geographic information system, or GIS. The satellite image showed where floodwater covered fields near the river. In the GIS, workers added a layer showing the locations of residents who needed transportation. They used grid coordinate B4 to identify the pickup point at Oak Street and 3rd Avenue. Combining these representations helped the team find a route that avoided water and passed close to people needing help. Each source answered a different question, so no single source gave the whole picture.
- ③ To report the plan, the emergency manager wrote, "Bus Route A travels south from the high school to the Oak Street pickup point, then west to the community shelter." She included the map title, the date of the road-closure update, and the GIS layer used for pickup locations. She did not claim that the route was permanently safe, because flood conditions could change. Clear geographic reports identify the source, explain what the representation shows, and state information precisely enough for others to check it.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 Name the four street-map features in the passage. Tell what information each feature provided.

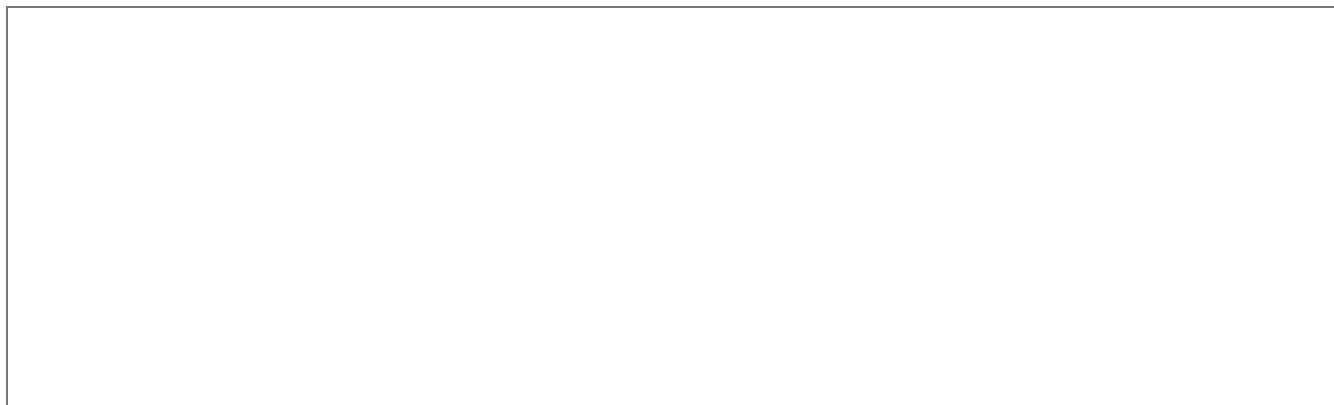
2 Which geographic representation showed where floodwater covered fields near the river?

3 What information did workers add as a GIS layer, and how did that information help the team plan a route?

4 What three details did the emergency manager include so others could check the route report?

3 YOUR TURN _____ Your own words

Draw a simple sketch map of a park. Put the entrance at the south, the fountain north of the entrance, the picnic area east of the fountain, and the first-aid tent west of the fountain. Include a title, north arrow, scale, and key. Then write exactly two sentences that report a location and a route on your map.



PART 1 • READ AND MARK

Circle each map feature or technology the team used. Underline the words that tell what information each one provided. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Name the four street-map features in the passage. Tell what information each feature provided.	The title identified the area and purpose. The north arrow showed direction. The scale changed map distance into real distance. The legend explained symbols.
2	Which geographic representation showed where floodwater covered fields near the river?	The satellite image.
3	What information did workers add as a GIS layer, and how did that information help the team plan a route?	They added locations of residents needing transportation. This helped the team choose a route that passed close to people needing help while avoiding water.
4	What three details did the emergency manager include so others could check the route report?	She included the map title, the date of the road-closure update, and the GIS layer used for pickup locations.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Sketch: title "Park Safety Map"; north arrow points up; scale 1 centimeter = 20 meters; key uses a square for the entrance, a circle for the fountain, a triangle for the picnic area, and a cross for the first-aid tent. The fountain is north of the entrance, and the picnic area is east of the fountain. Walk north from the entrance to the fountain, then east to reach the picnic area.

Accept equivalent descriptions that accurately name the passage details and explain the purpose of each representation. For the park-map task, accept any clear sketch with all required map features, correct relative locations, and exactly two accurate reporting sentences.