

Maple Grove Mapper

Read a community map description to use direction, distance, and map tools.

3.4 "Geography. The student understands the concepts of location, distance, and direction on maps and globes. The student is expected to: use cardinal and intermediate directions to locate places on maps and globes in relation to the local..."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each place name and its grid address. Circle each cardinal or intermediate direction word, then number the five map elements named in the passage.

A Map of Maple Grove

- ① Ms. Chen's class made a map of Maple Grove, the community around their school. The map title is "Maple Grove Places." Its compass rose shows north at the top, east at the right, south at the bottom, and west at the left. The grid has columns A through C from left to right and rows 1 through 3 from top to bottom.
- ② The school is in B2. The library is in B1, directly north of the school. The clinic is in C2, directly east of the school. The fire station is in A3. It is southwest of the school because it is both west and south. The community garden is in A1, northwest of the school on the map.
- ③ Every grid square on the map measures 2 centimeters from side to side. The scale says that 1 centimeter on the map represents 1 kilometer in Maple Grove. So, a trip across one grid square is 2 kilometers. Map symbols also appear in a legend. A book symbol means library, a cross means clinic, and a flame means fire station.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 What grid address is the fire station? What direction is it from the school?

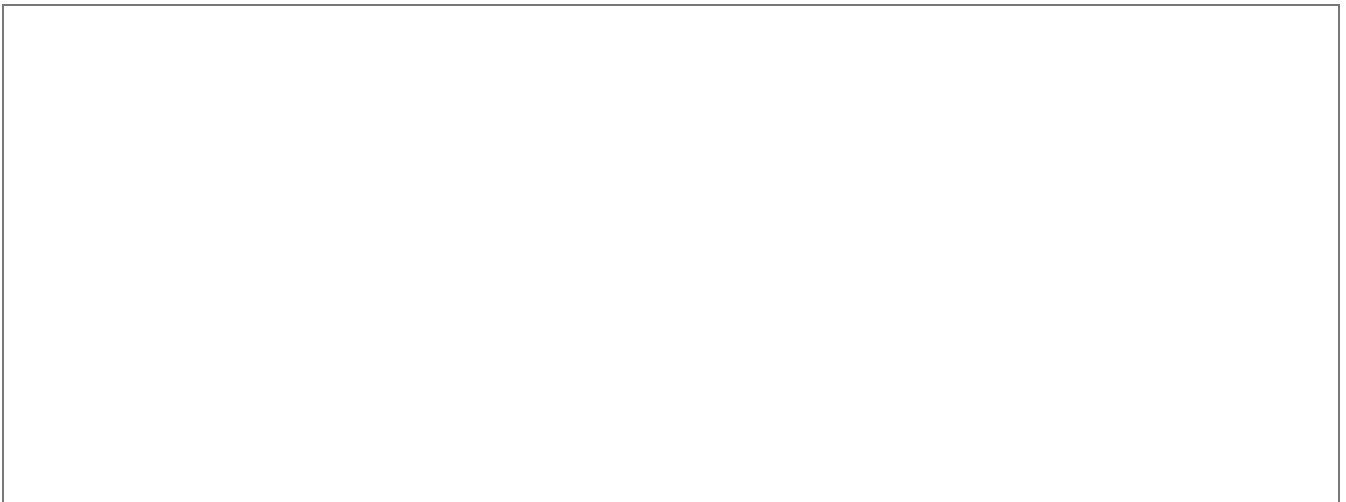
2 What direction is the library from the clinic?

3 How far is it from the school in B2 to the clinic in C2?

4 Which map element tells what a symbol means? Which map element tells real distance?

3 YOUR TURN _____ Your own words

Create a small map of a place near your community or an imaginary neighborhood. Include a title, compass rose, legend with at least two symbols, scale, and a labeled A-C, 1-3 grid. Put three places in the grid, then label one cardinal direction and one intermediate direction between places.



PART 1 • READ AND MARK

Underline each place name and its grid address. Circle each cardinal or intermediate direction word, then number the five map elements named in the passage. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What grid address is the fire station? What direction is it from the school?	The fire station is in A3. It is southwest of the school.
2	What direction is the library from the clinic?	The library is northwest of the clinic.
3	How far is it from the school in B2 to the clinic in C2?	It is 2 kilometers.
4	Which map element tells what a symbol means? Which map element tells real distance?	The legend tells what a symbol means. The scale tells real distance.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Title: Oak Street Map. Compass rose: N is at the top. Grid columns A-C go left to right, and rows 1-3 go top to bottom. Legend: square = school, circle = park, triangle = pond. Scale: 1 cm = 1 km. School B2, park C2, pond A1. The park is east of the school. The pond is northwest of the school.

Accept equivalent direction words and correct descriptions based on the stated grid positions. For the map, check for all five map elements, three placed locations, and one correct cardinal and intermediate direction relationship.