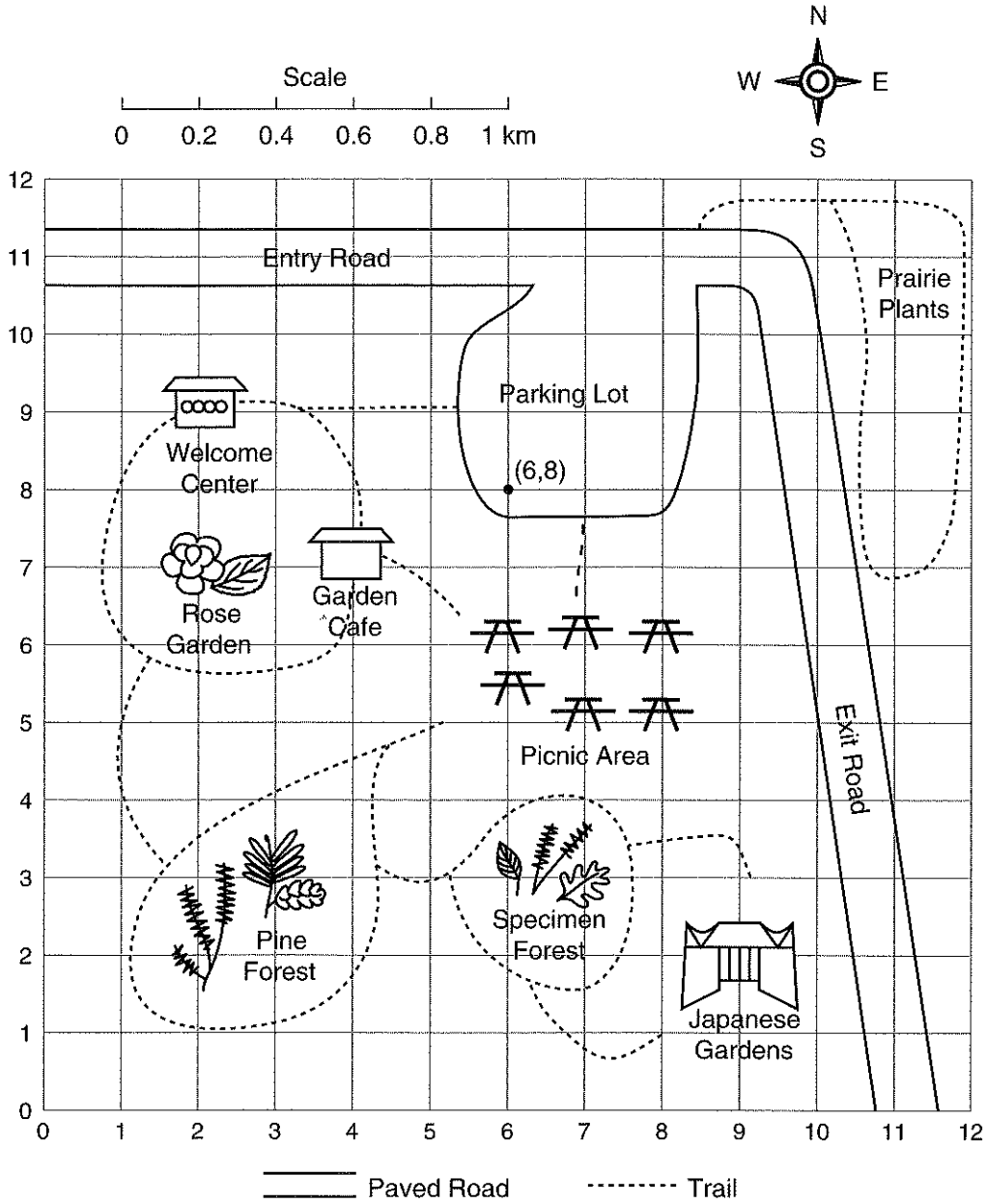


LESSON
9.1

A Botanical Garden Map



A fifth-grade class is visiting a botanical garden. They plan to see every attraction and have lunch in the picnic area. Each student has a copy of the map below. They want to use ordered pairs of numbers to label each attraction and the picnic area.



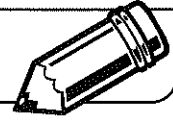
Copyright © Wright Group/McGraw-Hill

Find and plot the ordered pairs of numbers for each location.

- | | |
|-----------------------|------------------------|
| School Bus (6,8) | Welcome Center _____ |
| Prairie Plants _____ | Rose Garden _____ |
| Pine Forest _____ | Picnic Area _____ |
| Specimen Forest _____ | Japanese Gardens _____ |

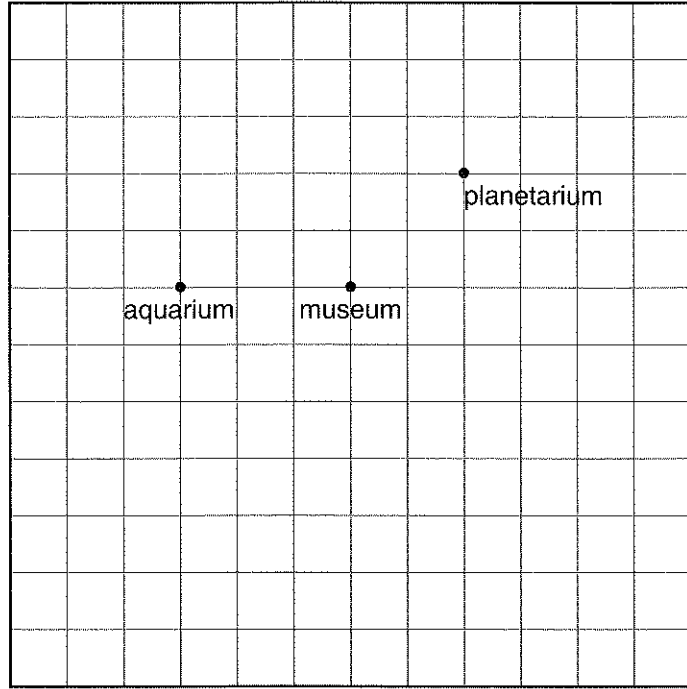
LESSON
9•1

Traveling the Grid by Bus



Mrs. Thrasher's fifth-grade class is taking a fieldtrip to two different locations: the aquarium, museum, or planetarium, depending on which two places are closest to each other.

- Choose where the class should go and connect the points.
- Think of the grid lines as streets. The class must take the bus, and the bus can travel along the grid lines only. Which location is closer to the museum now?



Scale: 0.75 cm represents 1 block

Is it the same as your first choice?

Why or why not?

At the museum, the class learned about plans for the new Skateboard Park. Everyone thought that it should be located an equal distance from the aquarium, museum, and planetarium by bus.

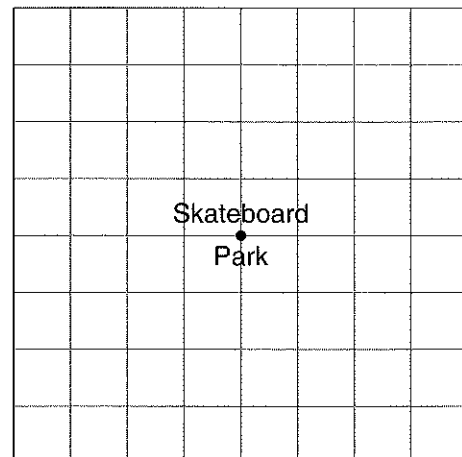
- Draw and label a point on the grid that shows where the new Skateboard Park should be located.

Maggie said the city should have built Skateboard Park first. You could just draw a circle using Skateboard Park as the center. Then there would be many locations that were the same distance away.

- Use the grid to the right to check Maggie's idea. Remember that the bus can go along the gridlines only. Mark every point that is the same distance from Skateboard Park.

- Do you agree or disagree with Maggie? _____

Explain your answer on the back of this page.



Name _____

Date _____

Time _____

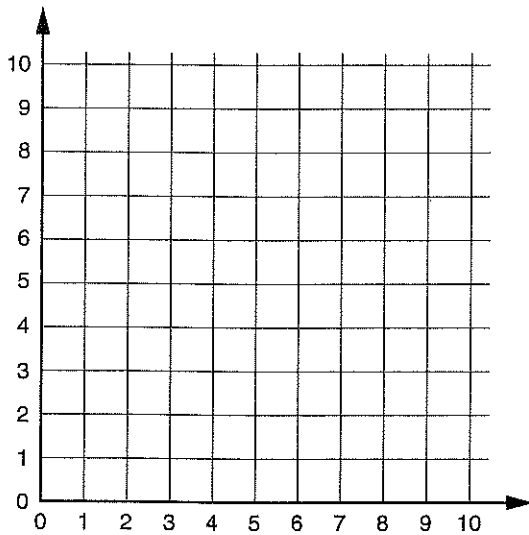
Hidden Treasure Gameboards 1



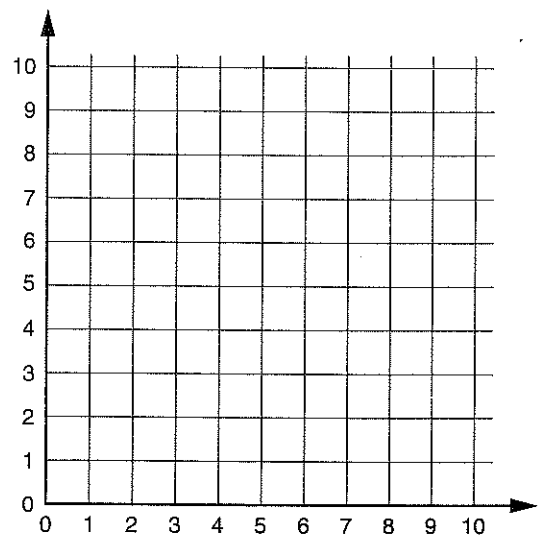
Each player uses Grids 1 and 2.

Grid 1: Hide your point here.

Grid 2: Guess other player's point here.



Grid 1

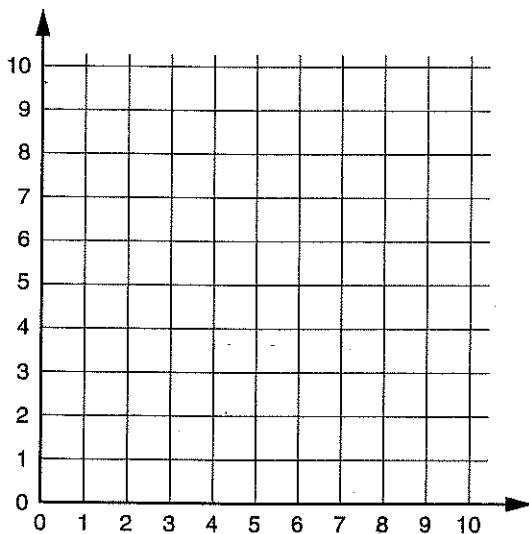


Grid 2

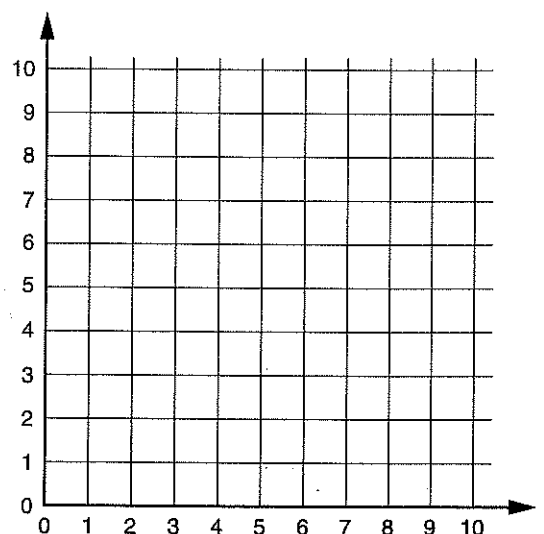
Use this set of grids to play another game.

Grid 1: Hide your point here.

Grid 2: Guess other player's point here.



Grid 1



Grid 2