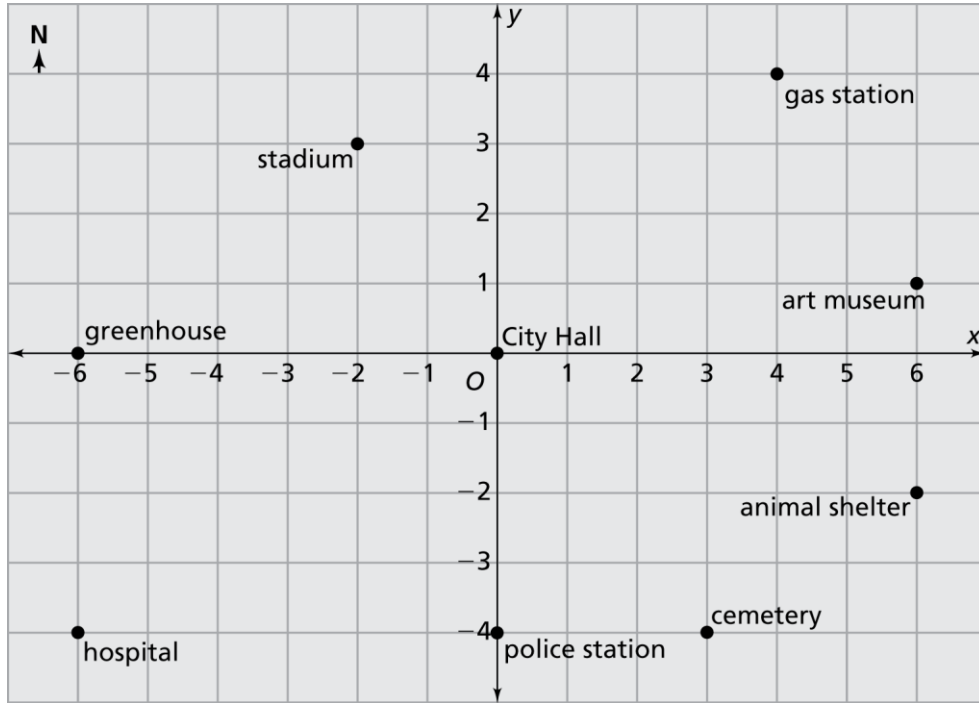


Labsheet 1ACE

Exercises 1–6

For Exercises 1–6, use the map below.



1. Give the coordinates of each landmark.

a. art museum

b. hospital

c. greenhouse

2. What is the shortest driving distance from the **animal shelter** to the **stadium**? (**HINT:** Remember that a car can drive only on roads.)

Labsheet 1ACE

Exercises 1–6

3. What is the shortest driving distance from the **hospital** to the **gas station**?

4. Suppose you travel by taxi. What are the coordinates (x, y) of a point halfway from **City Hall** to the **hospital**?

Is there more than one possibility?

Explain.

5. Suppose you traveled by helicopter. What are the coordinates of a point halfway from **City Hall** to the **hospital**? (**HINT:** How can a helicopter travel differently than a car? Refer back to Problem 1.1.)

Is there more than one possibility?

Explain.

6. a. Which landmarks are 7 blocks from City Hall by car?

- b. Give precise driving directions from City Hall to each landmark you listed in part (a).