Mira's World Walk

Read clues to find direction and distance.

3.G.4 "Identify the northern, southern, eastern, and western hemispheres; cardinal and intermediate directions; and determine the direction and distance from one place to another on a variety of maps and globes."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline the direction words in the passage and circle each number that tells a distance in blocks.

From Town Streets to a Globe

1. At the town park, Mira checks her walking notes. North means toward the top of her plan, and east means toward the right. South is the opposite of north, and west is the opposite of east. A walk that moves both north and east goes northeast. Each block in Mira's notes is the same length, so she can count blocks to find distance.

2. From the park, the school is two blocks north. The library is two blocks east of the park. The pond is two blocks north of the library. The garden is two blocks west of the school. Mira can follow streets north, south, east, and west. To name where a place lies, she can combine two directions, such as northwest, when both fit.

3. Later, Mira opens a globe. The Equator and the prime meridian are two important guide lines on it. The Equator splits Earth into Northern and Southern Hemispheres. The prime meridian and a line on the opposite side split Earth into Eastern and Western Hemispheres. Mira finds the island of Ireland, north of the Equator and west of the prime meridian.

2 ANSWER WITH EVIDENCE

Use the passage

1. Which two hemispheres contain the island of Ireland?

2. In which direction is the pond from the library? How far apart are they?

3. In which intermediate direction is the library from the school? How many blocks is the shortest walk along the streets?

4. In which intermediate direction is the garden from the park? How many blocks is the shortest walk along the streets?

3 YOUR TURN

Your own words

Draw your own town plan with a starting spot and two new places. Show equal-length blocks and a street path to each place, then label each place's direction from the start and its distance along the path.

ANSWER KEY

Mira's World Walk

GRADE 3 · 3.G.4

PART 1 · READ AND MARK

Underline the direction words in the passage and circle each number that tells a distance in blocks. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	Which two hemispheres contain the island of Ireland?	**The Northern and Western Hemispheres.**
2	In which direction is the pond from the library? How far apart are they?	**The pond is two blocks north of the library.**
3	In which intermediate direction is the library from the school? How many blocks is the shortest walk along the streets?	**Southeast. The shortest street walk is four blocks.**
4	In which intermediate direction is the garden from the park? How many blocks is the shortest walk along the streets?	**Northwest. The shortest street walk is four blocks.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

A plan shows a clock tower as the start. A bakery is one block north and two blocks east, labeled northeast and three blocks along the path. A pool is two blocks south and one block west, labeled southwest and three blocks along the path. Each block is drawn the same length.

For questions 3 and 4, accept any shortest street route with the correct total distance. For the drawing, check that each direction and path distance matches the places the student drew.