

Finding Quito

Use coordinates, hemispheres, and directions to describe location.

SS.5.G.1 "The World in Spatial Terms"

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each clue to an absolute location, including a coordinate or reference line, and circle each direction word that describes relative location. This helps you tell exact location from location compared with other places.

A City Near the Equator

- ① Geographers describe places by absolute location and relative location. Absolute location uses latitude and longitude. Latitude lines measure distance north or south of the Equator. Longitude lines measure distance east or west of the Prime Meridian. Together, the two measurements identify one exact place on Earth, even when other places have similar names or spellings.
- ② Quito, the capital of Ecuador, lies at about 0° latitude and 78° W longitude. Its latitude puts it very close to the Equator. Quito is in the Western Hemisphere because its longitude is west of the Prime Meridian. The city is also in the Southern Hemisphere, since it sits just south of the Equator there.
- ③ Relative location explains where a place is compared with other places. Quito is in northwestern South America, east of the Pacific Ocean. Colombia is north of Ecuador, and Peru is south and east of Ecuador. A traveler going from Quito to Peru would generally travel southeast. These direction words help people communicate routes and nearby places.

2 ANSWER WITH EVIDENCE Use the passage

1 What is Quito's absolute location as stated in the passage?

2 Which two hemispheres contain Quito? Use the reference lines in the passage to explain your answer.

3 Where are Colombia and Peru relative to Ecuador?

4 What direction would a traveler generally go from Quito to Peru?

3 YOUR TURN Your own words

Choose a real city. Write exactly three sentences: name its country and continent, compare it with a second real place using a cardinal or intermediate direction, and identify its hemispheres by using the Equator and Prime Meridian.

PART 1 • READ AND MARK

Underline each clue to an absolute location, including a coordinate or reference line, and circle each direction word that describes relative location. This helps you tell exact location from location compared with other places. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What is Quito's absolute location as stated in the passage?	About 0° latitude and 78° W longitude.
2	Which two hemispheres contain Quito? Use the reference lines in the passage to explain your answer.	Quito is in the Western Hemisphere because it is west of the Prime Meridian. It is in the Southern Hemisphere because it is just south of the Equator.
3	Where are Colombia and Peru relative to Ecuador?	Colombia is north of Ecuador. Peru is south and east of Ecuador.
4	What direction would a traveler generally go from Quito to Peru?	Southeast.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Tokyo is in Japan, in Asia. Tokyo is northeast of Osaka. Tokyo is in the Northern and Eastern Hemispheres because it is north of the Equator and east of the Prime Meridian.

Accept any accurate real-city description that has exactly three sentences and includes all three requested parts. Accept correct cardinal or intermediate directions and correct hemisphere reasoning.