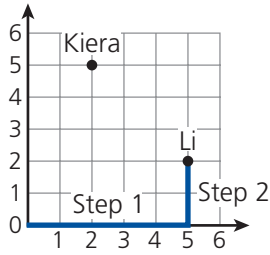


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A **coordinate plane** is a kind of graph. An **ordered pair** of numbers names the location of a point on the plane.



The **first** number names the distance **over** to the right from 0.

The **second** number names the distance **up** from 0.

Li is located at (5, 2).

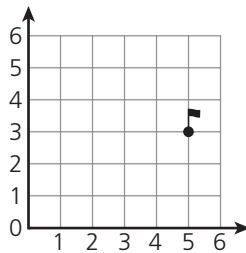
Ordered pairs are also called **coordinates**.

Location means "position" or "place." Locations can be up, down, left, or right.

Keira is located 2 units to the right of 0 and 5 units up from 0. Kiera's location is (2, 5).

Read each problem. Circle the letter of the best answer.

- 1 Which ordered pair names the location of the flag?



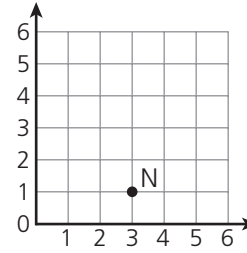
- A (3, 5) C (5, 3)
 B (4, 5) D (5, 4)

First read **over** to the right 5 units from 0. Then read **up** 3 units. The flag is at (5, 3). The correct answer is C.

- 2 Smithtown is located 6 units to the right of 0 and 1 unit up on a plane. What are the coordinates where Smithtown is located?

- A (0, 1)
 B (1, 6)
 C (6, 1)
 D (6, 6)

Use this coordinate plane to answer questions 3 and 4.



- 3 Which ordered pair names the location of the letter N?

- A (0, 3) C (3, 0)
 B (1, 3) D (3, 1)

- 4 Kasey puts the letter X 1 unit to the right of N and 3 units up. What is the location of the letter X?

- A (4, 3)
 B (4, 4)
 C (6, 2)
 D (6, 4)

Read each problem. Write your answers.

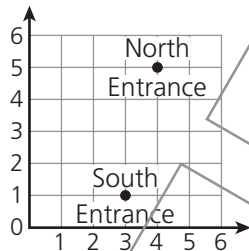
5 Malik located a point on a coordinate plane. He moved 5 units to the right of 0. Then he moved 7 units up.

A What are the coordinates of the point Malik located?

Answer: _____

B Explain why your answer is correct.

6 The coordinate plane shows the two entrances for a hiking trail.



A What ordered pair names the location of the North Entrance?

Answer: _____

B Meg starts at $(0, 0)$. She walks to the South Entrance. She continues walking right another 2 units and stops. What ordered pair names the location where Meg stopped?

Answer: _____

C Explain how you found your answer to part B.
