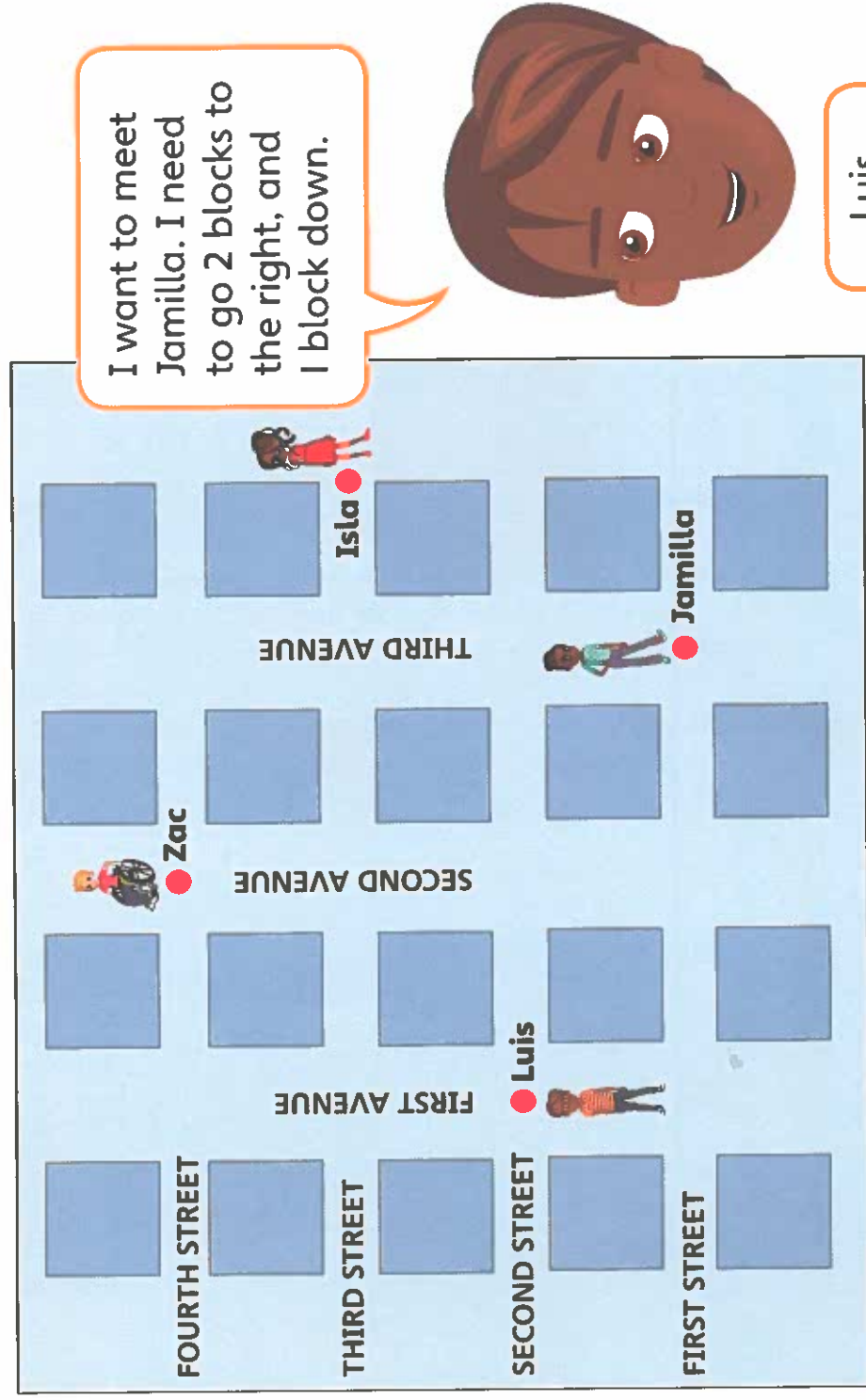


Describing a movement on a grid

Discover



Luis

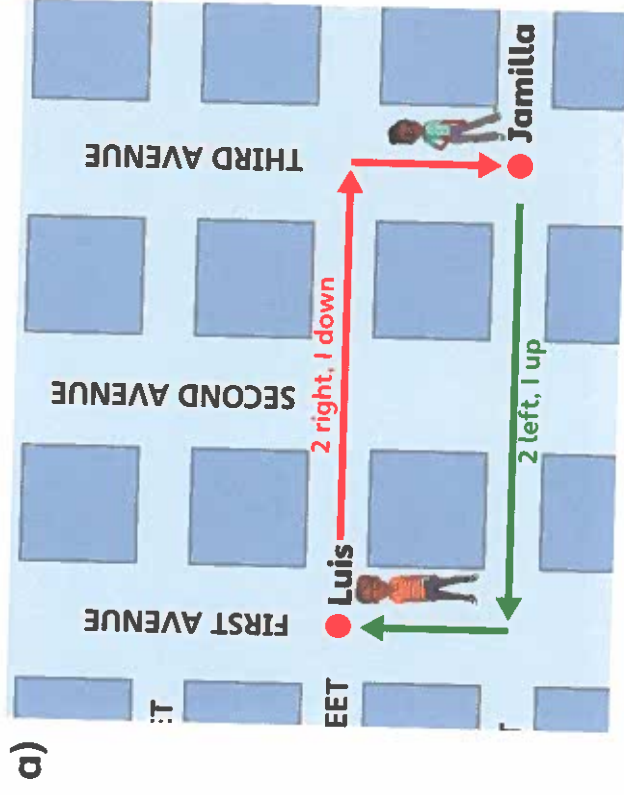
- 1 a) Luis could write his journey to Jamilla as '2 right, 1 down'.
If Jamilla went to Luis instead, how could she write her journey?

- b) Zac wants to meet Isla. He is not sure which of these is the correct journey:

- 2 right and then 1 down
- 1 down and then 2 right.

Which is correct?

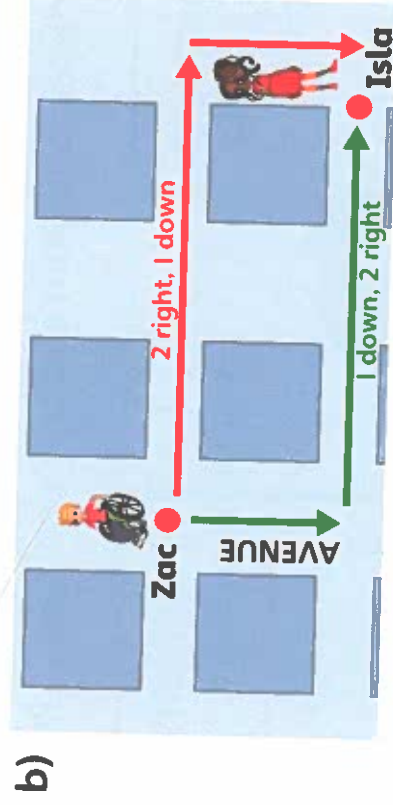
Share



I think that Jamilla's journey is in the opposite direction to Luis's. So she will go left instead of right, and up instead of down.



Jamilla could write her journey as '2 left, 1 up'.



I am going to draw both journeys on the grid and see where Zac finishes.



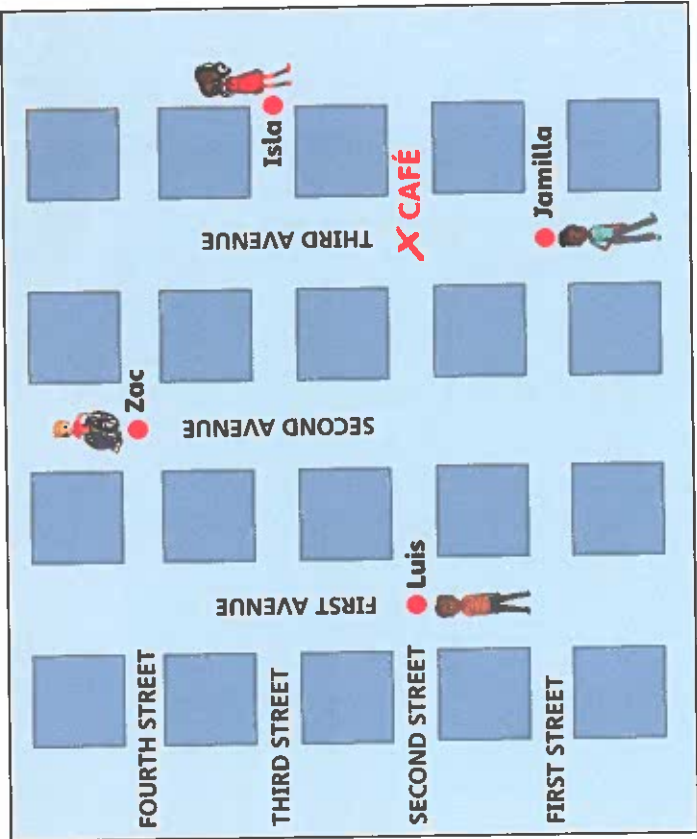
It is the same journey whether you do the down part first, or the right part. I wonder why.

The journeys are the same: both are correct.



Think together

1 The four friends decide that they will all meet at a café at the point marked with an X.



a) Describe Zac's journey.

Zac's journey is ,

b)

My journey is 1 left, 1 down.



Isla

I think your journey is 1 down, 1 left.



Zac

Who is right? Explain your answer.

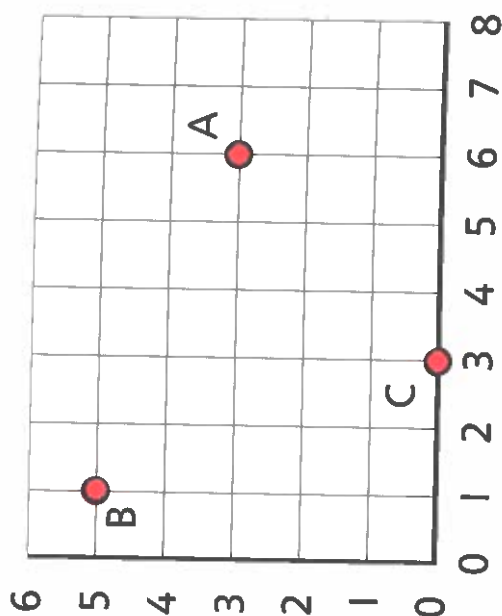
c) Describe Luis's journey in two ways.

d) Describe Jamilla's journey.

2 The journey from A to B can be written as '5 left, 2 up'.

Write the other journeys.

- A to B: 5 left, 2 up
- B to A
- A to C
- C to A
- B to C
- C to B



3 Describe these journeys.

- a) The blue rectangle moves to rectangle A.
- b) The blue rectangle moves to rectangle B.
- c) The blue rectangle moves to rectangle C.

