

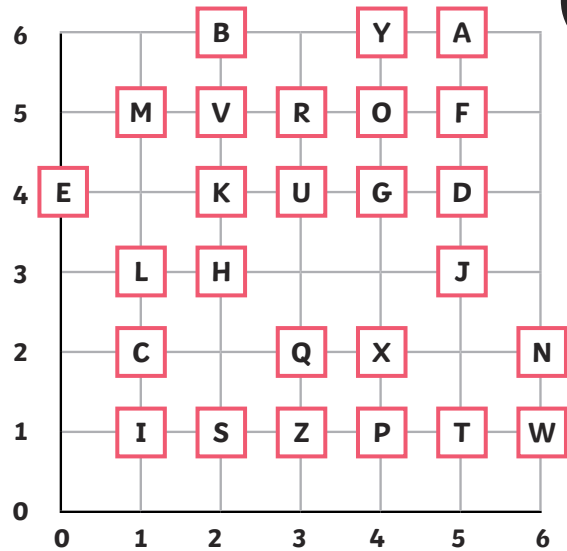
Write down the letter at each coordinate to find out what items are being ordered at the café.

1) (2,6) (3,4) (3,5) (4,4) (0,4) (3,5)

2) (5,3) (3,4) (1,1) (1,2) (0,4)

3) (1,2) (5,6) (2,4) (0,4)

4) (1,5) (1,1) (1,3) (2,4) (2,1) (2,3) (5,6) (2,4) (0,4)



1) Look at the statements about the objects on the coordinate grid. Are they true or false? Explain your reasoning.

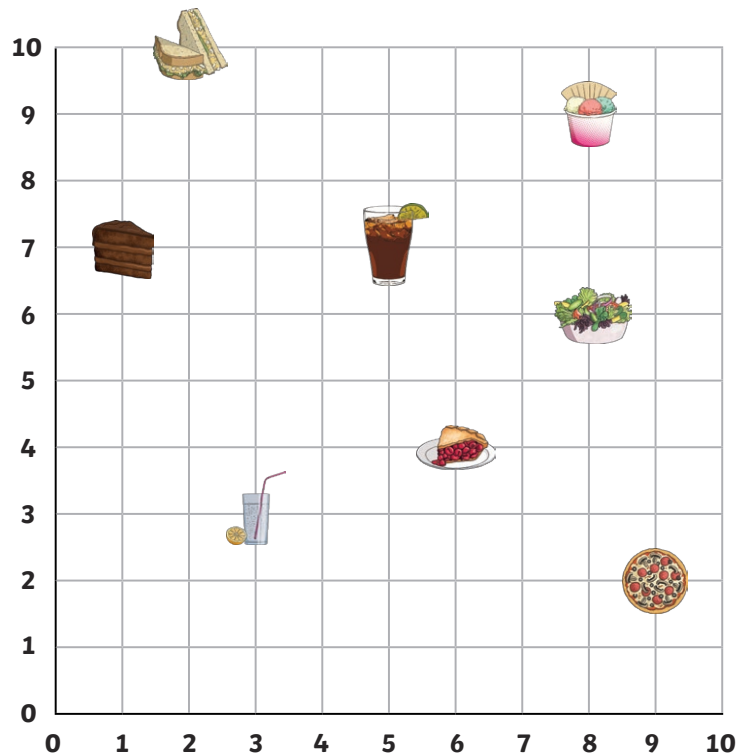


The orange juice is at (2,3).

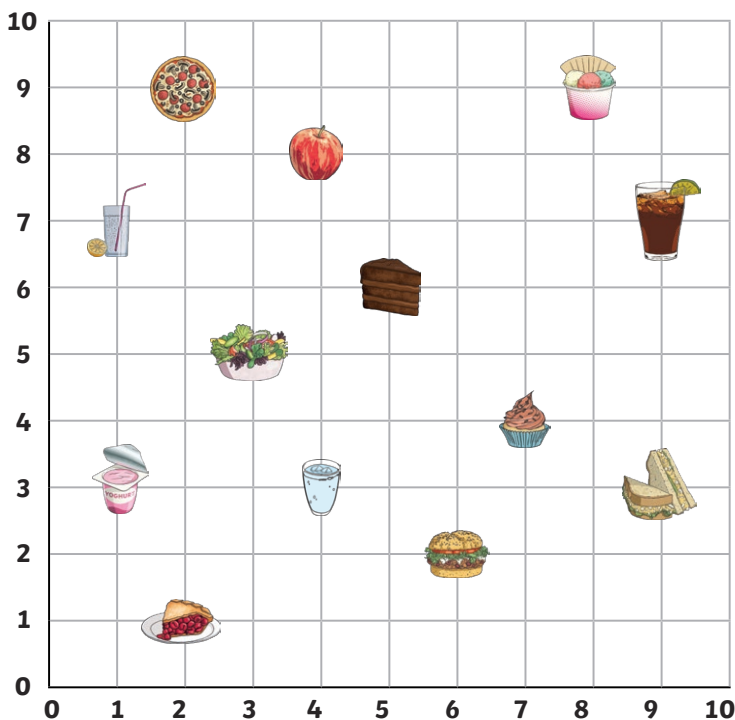
The cola is at (5,7).

The ice cream is at (8,9).

The pie is at (4,6).



2) Draw your own items of food on the grid and write two true statements and one false statement about their coordinate positions. Can your partner identify the incorrect statement?



Here are the receipts for four café orders.

(2,9) _____
 (4,3) _____
 (5,6) _____
 Name: _____

(6,2) _____
 (9,7) _____
 (1,3) _____
 Name: _____

(6,2) _____
 (9,7) _____
 (2,1) _____
 Name: _____

(1,7) _____
 (3,5) _____
 (7,9) _____
 Name: _____

- 1) Use the clues to work out who each receipt belongs to.
 - a) Rory doesn't order anything with bread. His drink is freshly squeezed and he orders an item served in a tub.
 - b) Marian isn't a vegetarian. She has a fizzy drink and orders a fruity item.
 - c) Caitlin orders an item with pepperoni on it, a transparent drink and a chocolate item.
 - d) Dominic orders an item including lettuce, an item in a pot and a fizzy drink.

- 2) The café owner decides to create the prices for her menu by finding the difference between the two coordinates. For example, fruit costs £1 so the apple should be placed at a spot with a difference of 1 between the coordinates, such as (9,8) or (2,1). Where should she place each item to ensure that everything has an appropriate price? Drinks cost £2, desserts cost £3 and main courses cost £5.
