# Deep

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)

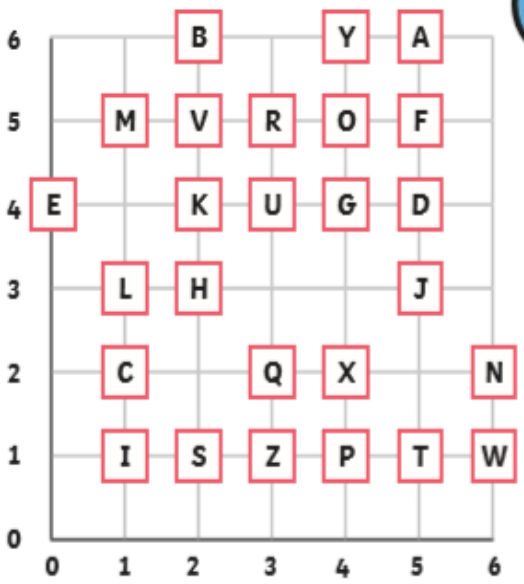
__ __ __ __ __

**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)

__ __ __ __ __ __ __ __ __



# Deeper

**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).

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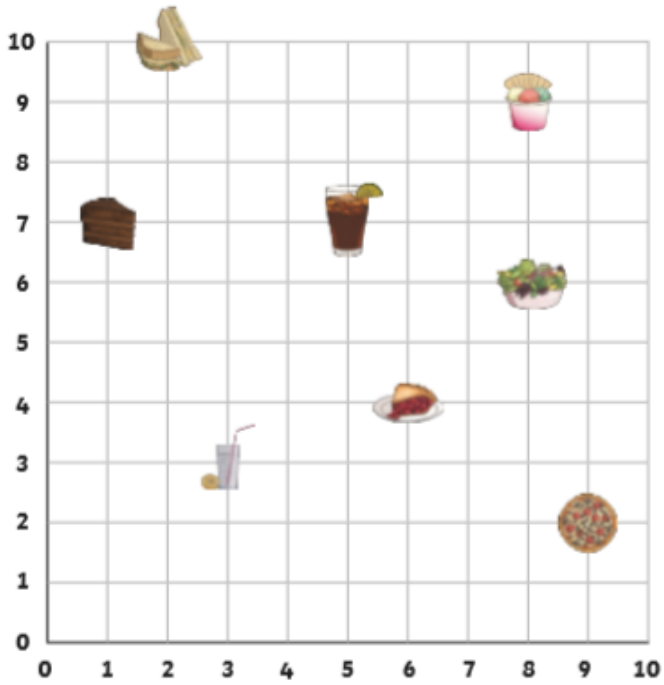
_____

The pie is at (4,6).

_____

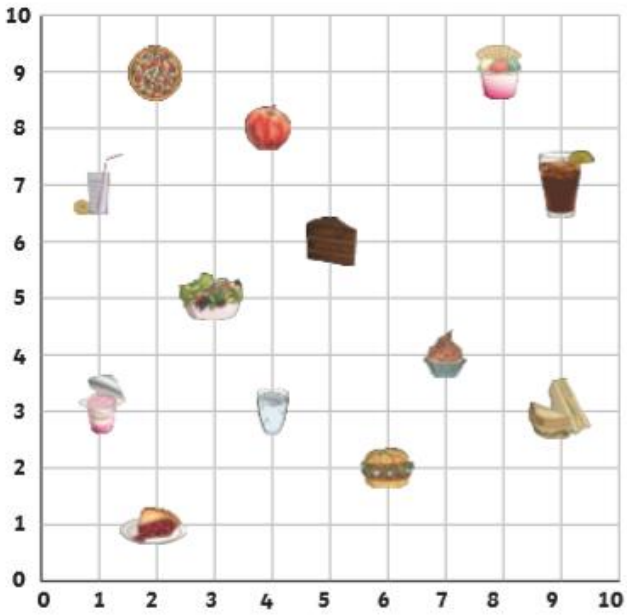
_____




**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?

_____

# Deepest




Here are the receipts for four café orders.

| | | | |
|---|---|---|---|
| (2,9) _____ | (6,2) _____ | (6,2) _____ | (1,7) _____ |
| (4,3) _____ | (9,7) _____ | (9,7) _____ | (3,5) _____ |
| (5,6) _____ | (1,3) _____ | (2,1) _____ | (7,9) _____ |
| Name: _____ | Name: _____ | Name: _____ | 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.