1) BURGER
2) JUICE
3) CAKE
4) MILKSHAKE
5) 

| The orange juice is at $(2,3)$. | False |
| :--- | :--- |
| The cola is at $(5,7)$. | True |
| The ice cream is at $(8,9)$. | True |
| The pie is at $(4,6)$. | False |

2) Answers may vary.
3) 

| $(2,9)$ pizza |
| :--- |
| $(4,3)$ water |
| $(5,6)$ choc cake |
| Name: Caitlin |


| $(6,2)$ burger |
| :--- |
| $(9,7)$ cola |
| $(1,3)$ yoghurt |
| Name: Dominic |


| $(6,2)$ burger |
| :--- |
| $(9,7)$ cola |
| $(2,1)$ pie |
| Name: Marian |

$(1,7)$ juice
$(3,5)$ salad
$(7,9)$ ice cream
Name: Rory

2) The cola and juice should be placed at a spot with a difference of 2 between the coordinates, for example $(8,6)$ or $(2,4)$.

The yoghurt, cake, pie and ice cream should be placed at a spot with a difference of 3 between the coordinates, for example $(8,5)$ or $(2,5)$.

The pizza, burger, salad and sandwich should be placed at a spot with a difference of 5 between the coordinates, for example $(8,3)$ or $(2,7)$.

Children may have also realised that the water could be free if it was placed on a spot with equal $x$ and $y$ coordinates, for example $(8,8)$ or $(2,2)$.

