



The Mystery of the Great Bakes Thief



Great Bakes is a popular local bakery that makes the most delicious cakes and every Saturday, hundreds of people visit it to buy doughnuts, cream cakes and other goodies to enjoy at the weekend. However, last night there was a burglary at Great Bakes and now the shelves are empty. The police have been investigating what happened.

As the Detective Chief Inspector, it is your job to find out who the greedy thief is. Your officers have taken down the names of possible suspects. Your task is to solve the clues and find out who the thief is.

| Name | Gender | Height | Right or left-handed |
|-----------------|--------|--------|----------------------|
| Hannah Brown | female | short | right |
| Susan Granger | female | tall | right |
| Henry Jones | male | short | left |
| Yavna Chowdhury | female | short | right |
| Simon King | male | tall | right |
| Tan Yong | male | short | right |
| Helen Edwards | female | short | left |
| Toby Ply | male | tall | right |
| Jack Grande | male | tall | left |
| Temi Howler | female | short | left |
| Patrick Jenson | male | tall | right |

Clue One

Circle all of the prime numbers in the list below. If you have an even number of prime numbers, the suspect is male. If you have an odd number of prime numbers, the suspect is female.

| | | | | | |
|---|----|----|----|----|----|
| 2 | 14 | 9 | 10 | 15 | 8 |
| 3 | 18 | 7 | 13 | 19 | 5 |
| 4 | 17 | 11 | 16 | 6 | 12 |

Clue Two

Write the missing prime numbers in the sequences below then add them up. If the total is a prime number, the suspect is right-handed. If the total is not a prime number, the suspect is left-handed.

| | | |
|---|---|----|
| 5 | 7 | 13 |
|---|---|----|

| | | |
|---|---|---|
| 2 | 3 | 7 |
|---|---|---|

| | | |
|----|----|----|
| 11 | 13 | 17 |
|----|----|----|

| | | |
|----|----|---|
| 13 | 11 | 5 |
|----|----|---|

| | | | |
|--|---|---|---|
| | 3 | 5 | 7 |
|--|---|---|---|

| | | | |
|---|--|----|----|
| 5 | | 11 | 13 |
|---|--|----|----|



Clue Three

Find a way through the maze by colouring statements that are true. You can only go up or down, left or right.

The path will lead to a clue about the height of the guilty suspect.

| | | | |
|--------------------------|--------------------------|--------------------------|---------------------------------|
| Start | 11 is a prime number | 9 is a prime number | 3 is a prime number |
| 17 is not a prime number | 19 is a prime number | 15 is not a prime number | all prime numbers are odd |
| 10 is a prime number | 13 is not a prime number | 7 is a prime number | 15 is a prime number |
| 5 is a prime number | 7 is not a prime number | 8 is not a prime number | 2 is the only even prime number |
| 11 is not a prime number | 3 is not a prime number | 9 is an odd prime number | 3 is a prime number |
| They are tall. | They are short. | They are tall. | They are short. |

