

Murder Mystery!

There has been a murder! A dead body has been found in the Highlands Hotel. You are the chief detective in the area and you have been called to solve the mystery! You have collected all the names and details of all the staff and guests who were in the hotel on the night of the murder. They are all suspects! You have to solve five clues to reveal who the killer is. Each clue will allow you to eliminate some suspects until only one is left, the killer!

Good luck with solving the case!



Suspects

Name	Male or female	Staff or guest?	Hair Colour	Height	Eye Colour
Brian Haughton	M	Guest	Dark	Tall	Brown
Chloe McDonald	F	Staff	Light	Short	Green
Ronald Stein	M	Staff	Light	Tall	Blue
Sophie Brown	F	Staff	Dark	Short	Grey
Michael Goldberg	M	Guest	Dark	Tall	Green
Angus Smith	M	Guest	Light	Short	Brown
Penny O'Reily	F	Staff	Light	Tall	Blue
Nazia Ali	F	Guest	Dark	Tall	Grey
Fiona Fox	F	Staff	Dark	Short	Grey
Sean Young	M	Staff	Light	Tall	Brown
Sharon Black	F	Guest	Dark	Short	Brown
Donald McDuff	M	Guest	Light	Tall	Green
Lucy Singh	F	Staff	Light	Short	Brown
Dlyan Brady	M	Staff	Dark	Tall	Blue
Helen Green	F	Guest	Dark	Short	Blue

Clue 1

Complete the number patterns then match the number to the table to reveal the words to your first clue.

30	25	20	15	10	
----	----	----	----	----	--

3	6	9	12	15	
---	---	---	----	----	--

4	8	12	16	20	
---	---	----	----	----	--

70	60	50	40	30	
----	----	----	----	----	--

18	17	16	15	14	
----	----	----	----	----	--

4 Running	19 Strange	18 Killer	6 Watching	13 Woman
15 Man	5 The	2 Hiding	20 A	30 Crime
24 Is	12 Eyes	50 Hotel	100 Police	1 Body

Clue 1 _____

Clue 2

Find the doubles of the following numbers to reveal the next clue.

8

7

10

5

6

4

3 Murderer	16 The	15 Weapon	20 Works	25 Kitchen
7 Hiding	9 Reception	14 Killer	19 Bedroom	8 Hotel
10 At	11 Cleaner	13 Guest	12 The	21 Strange

Clue 2 _____

Clue 3 - Drawing arrays



Draw three plates with five cookies on them.

Draw four plates with two cookies in them.

Draw seven plates with two cookies on them.

Find your next clue by working out which array has the highest number of cookies?

If you think 14 is the highest number of cookies - eliminate light hair

If you think 15 is the highest number of cookies - eliminate dark hair

Clue 4

Can you work out the answers to these questions and match to the numbers in the table to get your next clue?

$\frac{1}{2}$ of 10

$\frac{1}{4}$ of 12

$\frac{1}{2}$ of 18

$\frac{1}{2}$ of 14

$\frac{1}{4}$ of 8

5 The	4 Short	9 Was	6 Killer	8 Running
10 Seen	3 Murderer	12 Acting	7 Not	11 Nervous
13 Bad	1 Rope	14 Hiding	15 Sweating	2 Tall

Clue 4 _____

Clue 5

You will need blue green brown and grey colouring pencils.

If the answer is;

10, 20, 30, 40, 50, 60, 70, 80 or 90 colour the box green

5, 15, 25, 35, 45, colour the box brown

2, 4, 6, 8, 12, 14, 16 or 18 colour the box blue

1, 3, 7, 9 colour the box grey

$5 \times 3 =$	$2 \times 4 =$	$5 \times 7 =$	$1 \times 7 =$
10×3	5×4	10×1	10×5
10×2	10×6	2×8	5×8
2×2	10×4	2×9	1×9

What colour have you used the most? The colour you have used most is the eye colour of the thief!

Clue 5 _____

Answers

Clue 1

30	25	20	15	10	5
----	----	----	----	----	---

3	6	9	12	15	18
---	---	---	----	----	----

4	8	12	16	20	24
---	---	----	----	----	----

70	60	50	40	30	20
----	----	----	----	----	----

18	17	16	15	14	13
----	----	----	----	----	----

4 Running	19 Strange	18 Killer	6 Watching	5 Woman
15 Man	5 The	2 Hiding	20 A	30 Crime
24 Is	12 Eyes	50 Hotel	100 Police	1 Body

Clue 1 The killer is a woman

eliminate males

Clue 2

8 - 16

7 - 14

10 - 20

5 - 10

6 - 12

4 - 8

3 Murderer	16 The	15 Weapon	20 Works	25 Kitchen
7 Hiding	9 Reception	14 Killer	19 Bedroom	8 Hotel
10 At	11 Cleaner	13 Guest	12 The	21 Strange

Clue 2 - The killer works at the hotel
eliminate guests

Clue 3 pupils drawings should allow them to work out that 15 is the highest number of cookies - eliminate dark hair

Clue 4

$\frac{1}{2}$ of 10 - 5

$\frac{1}{4}$ of 12 - 3

$\frac{1}{2}$ of 18 - 9

$\frac{1}{2}$ of 14 - 7

$\frac{1}{4}$ of 8 - 2

5 The	4 Short	9 Was	6 Killer	8 Running
10 Seen	3 Murderer	12 Acting	7 Not	11 Nervous
13 Bad	1 Rope	14 Hiding	15 Sweating	2 Tall

Clue 4 - the murderer was not tall - eliminate tall people.

Clue 5

$5 \times 3 =$	$2 \times 4 =$	$5 \times 7 =$	$1 \times 7 =$
10×3	5×4	10×1	10×5
10×2	10×6	2×8	5×8
2×2	10×4	2×9	1×9

Most boxes are green so killer has green eyes

The murderer is Chloe McDonald!