



## Murder Mystery



**Situation:** Police have been called to a local hotel. Lying on the floor is the body of a murdered guest! Police search the hotel and find 5 clues written down by witnesses to the Murder.

The clues are attached for you, the lead investigator... to decipher.

There is also a list all of the guests at the hotel, because each and every person will need to be eliminated to enable you to find the real killer!

There are a possible 32 suspects. Each clue will eliminate some of the remaining suspects. When all the clues have been solved the identity of the killer will be revealed.

Good Luck Detectives!



## Possible Suspects:

Forename	surname	sex	Right/left	Usually wears a hat	hair	Driver?	Guilty?
Courtney	Hoggpoo	F	Right	Yes	dark	No	
Shazza	Perkins	F	Right	Yes	Fair	No	
Colin	Rogueone	M	Right	Yes	Dark	No	
Simon	Pimpleton	M	Left	No	Dark	Yes	
Greta	Hurley	F	Right	No	Dark	Yes	
Sally	Fishness	F	Left	No	Fair	No	
Frank	Bendy	M	Left	yes	Red	Yes	
Chelsea	Bridges	F	Left	yes	Red	yes	
Orla	Crumb	F	Right	No	Red	yes	
Tim	Garner	M	Right	No	Red	yes	
Ruth	Jameson	F	left	Yes	Dark	yes	
Mark	Hitchkins	M	Right	Yes	Dark	Yes	
Carol	Smithkins	F	left	yes	Dark	No	
India	Jones	F	Left	No	Dark	No	
Tom	Walker	M	Right	No	Dark	Yes	
Charlotte	Twiddle	F	Left	Yes	Fair	No	
Chardonay	Smigglebum	F	Right	yes	Dark	Yes	
Abdirahman	Mustafa	M	Left	Yes	Dark	No	
Becky	Sands	F	Right	No	Fair	No	
James	Wren	M	Left	Yes	Dark	Yes	
Saskia	Riggles	F	Right	No	Dark	No	
Harry	Pitcher	M	Right	No	Fair	No	
Jack	Turnip	M	Right	No	Dark	No	
Jake	Griggle	M	Left	No	Red	Yes	
Fiona	Gibson	F	Left	No	Dark	Yes	
Faisal	Iqbal	M	Right	Yes	Dark	Yes	
Sam	Sprat	M	Right	Yes	Fair	No	
Ian	Dent	M	Left	No	Fair	No	
Jim	Begler	M	Left	Yes	Dark	No	
Amina	Khan	F	Left	No	Red	Yes	
Gavin	Redrup	M	Left	No	Dark	No	
Berenice	Wall	F	Right	Yes	Red	Yes	

**The first set of clues involve serious detective ability! Are you up to the challenge?**

### Activity 1:

Answer the questions below. The answer to each question is a number. The number needs to be changed into a letter from the alphabet.

Key: 1=A, 2=B, 3=C etc.

		Number	Letter
1.	$10 \times 2 =$		
2.	Double 4 =		
3.	20 divided by 4 =		
4.	$20 - 7 =$		
5.	$3 \times 7 =$		
6.	Double 9 =		
7.	$10 - 6 =$		
8.	$20 - 15 =$		
9.	$6 \times 3 =$		
10	Half of 10 =		
11	$25 - 7 =$		
12	26 minus 3 =		
13	3 lots of 5 =		
14	$20 - 2 =$		
15	$1 \times 5 =$		
16	$1 \times 1 =$		
17	$10 - 2 =$		
18	$10 - 9 =$		
19	Half of 40 =		

## Activity 1: **ANSWERS**

Answer the questions below. The answer to each question is a number. The number needs to be changed into a letter from the alphabet.

Key: 1=A, 2=B, 3=C etc.

		Number	Letter
1.	$10 \times 2 =$	20	T
2.	Double 4 =	8	H
3.	20 divided by 4 =	5	E
4.	$20 - 7 =$	13	M
5.	$3 \times 7 =$	21	U
6.	Double 9 =	18	R
7.	$10 - 6 =$	4	D
8.	$20 - 15 =$	5	E
9.	$6 \times 3 =$	18	R
10	Half of 10 =	5	E
11	$25 - 7 =$	18	R
12	26 minus 3 =	23	W
13	3 lots of 5 =	15	O
14	$20 - 2 =$	18	R
15	$1 \times 5 =$	5	E
16	$1 \times 1 =$	1	A
17	$10 - 2 =$	8	H
18	$10 - 9 =$	1	A
19	Half of 40 =	20	T

## Activity 2:

Below is a three shift Caesar Cypher. This was used by Julius Caesar to send coded messages to his army generals.

Now it is up to you to decode the next clue. The real alphabet is on top and the coded cypher is on the bottom in capitals. You need to match the capitals from the coded message to the lower-case letters to decipher the clue. Good Luck!

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C

PXUGHUHU

KDV

GDUN

KDLU

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





## Activity 2: ANSWERS

Below is a three shift Caesar Cypher. This was used by Julius Caesar to send secret coded messages to his army generals.

Now it is up to you to decode the next clue. The real alphabet is on top and the coded cypher is on the bottom in capitals. You need to match the capitals from the coded message to the lower case letters to decipher the clue.

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C

PXUGHUHU

KDV

GDUN

KDLU

MURDERER

HAS

DARK

HAIR



### Activity 3:

Your next clue has been written in Morse code.

Morse code was invented by a man called Samuel Morse. He invented it as a way to connect people who were miles apart.... Way before we were able to transmit our voices or text. Morse code was used in WW2 to send messages between war ships and Naval bases.

Decode the message to reveal your next clue.

-. - .. .-.. .-.. . .-.

.. ...

.- . . - - . . . . -

.... .- - .-.. . -..

## Morse Code Alphabet

A	•-	N	-•	0	-----
B	-...•	O	---	1	•----
C	-•-•	P	•--•	2	••----
D	-••	Q	--•-	3	•••--
E	•	R	•-•	4	••••-
F	••-•	S	•••	5	•••••
G	--•	T	-	6	-••••
H	••••	U	••-	7	--•••
I	••	V	•••-	8	----••
J	•---	W	•--	9	----•
K	-•-	X	-••-	.	•-•-•-
L	•-••	Y	-•--	,	--••--
M	--	Z	--••	?	••--••



### Activity 3: ANSWERS

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Decode the message to reveal your next clue.

-. . . -.. -. . . -.

K I L L E R

. . . .

I S

-. . . --. .... -

R I G H T

.... -. - . -.. . -..

H A N D E D

#### ACTIVITY 4:

This activity involves you decoding PIG PEN! This looks like alien writing. However, this is secret spy code... use the PIG PEN cypher to decode your next clue.

⊠◁◡◡◡◡◡◡ ◡◡◡◡◡◡◡◡

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◡◡◡◡ ◡◡◡◡ ◡◡◡◡ ◡◡◡◡

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◡◡◡◡◡◡◡◡

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## Pig Pen Cypher

A =  Q =  T =  Z = 

A	B	C
D	E	F
G	H	I

J.	K.	.L
M.	N.	.O
P.	Q.	.R

	S	
T		U
	V	

	W	
X.	.	.Y
	Z	

## Activity 5:

Plot the coordinates below, colour the square to reveal your next clue.

C-2, F-8, K-6, M-10, C-3, G-8, M-11, C-4,  
H-8, M-12, C-5, I-8, M-13, C-6, M-14, C-7

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>
<b>1</b>	H	B	S	F	G	E	D	V	H	F	B	B	S	A
<b>2</b>	S	X	K	F	G	H	S	D	C	S	F	H	U	L
<b>3</b>	D	F	I	T	E	S	A	D	C	V	T	A	F	N
<b>4</b>	S	F	L	G	H	S	V	B	N	M	L	O	R	P
<b>5</b>	S	A	L	C	O	N	E	A	C	F	O	M	W	A
<b>6</b>	B	U	E	S	A	R	T	Y	B	N	A	X	Z	C
<b>7</b>	Z	C	R	D	T	A	A	F	N	M	G	J	T	K
<b>8</b>	S	E	A	V	B	W	O	R	E	M	B	C	G	U
<b>9</b>	S	D	V	B	N	M	K	L	O	U	T	E	A	E
<b>10</b>	V	F	E	A	G	H	J	K	L	H	F	K	S	A
<b>11</b>	D	F	G	H	T	E	A	S	Z	A	W	V	K	W
<b>12</b>	C	L	A	R	I	N	S	E	S	F	H	K	I	L
<b>13</b>	Z	C	B	N	M	L	F	H	A	S	E	T	R	U
<b>14</b>	Q	R	T	U	I	O	H	S	C	S	A	B	T	M
<b>15</b>	S	F	G	S	D	E	W	Y	H	U	R	W	A	F

This your final clue! Once you have solved this task head over to your suspect sheet to reveal the Killer!!

## Activity 5:

Plot the coordinates below, colour the square to reveal your next clue.

C-2, F-8, K-6, M-10, C-3, G-8, M-11, C-4,  
H-8, M-12, C-5, I-8, M-13, C-6, M-14, C-7

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>
<b>1</b>	H	B	S	F	G	E	D	V	H	F	B	B	S	A
<b>2</b>	S	X	<b>K</b>	F	G	H	S	D	C	S	F	H	U	L
<b>3</b>	D	F	<b>I</b>	T	E	S	A	D	C	V	T	A	F	N
<b>4</b>	S	F	<b>L</b>	G	H	S	V	B	N	M	L	O	R	P
<b>5</b>	S	A	<b>L</b>	C	O	N	E	A	C	F	O	M	W	A
<b>6</b>	B	U	<b>E</b>	S	A	R	T	Y	B	N	<b>A</b>	X	Z	C
<b>7</b>	Z	C	<b>R</b>	D	T	A	A	F	N	M	G	J	T	K
<b>8</b>	S	E	A	V	B	<b>W</b>	<b>O</b>	<b>R</b>	<b>E</b>	M	B	C	G	U
<b>9</b>	S	D	V	B	N	M	K	L	O	U	T	E	A	E
<b>10</b>	V	F	E	A	G	H	J	K	L	H	F	K	<b>S</b>	A
<b>11</b>	D	F	G	H	T	E	A	S	Z	A	W	V	<b>K</b>	W
<b>12</b>	C	L	A	R	I	N	S	E	S	F	H	K	<b>I</b>	L
<b>13</b>	Z	C	B	N	M	L	F	H	A	S	E	T	<b>R</b>	U
<b>14</b>	Q	R	T	U	I	O	H	S	C	S	A	B	<b>T</b>	M
<b>15</b>	S	F	G	S	D	E	W	Y	H	U	R	W	A	F

This your final clue! Once you have solved this task head over to your suspect sheet to reveal the Killer!!

The KILLER IS..... **Chardonay Smigglebum**



CONGRATULATIONS DETECTIVES!



You solved the crime!!