



# The Mystery of the Halloween Prankster



It is Halloween evening and all the children who live on Spooktacular Avenue are dressed up in their spookiest costumes.

However, one cheeky child has been scaring their friends with some petrifying practical jokes! From jumping out from the shadows with a loud 'Boo', to making everyone scream with fake spiders, this prankster has been causing chaos!

Solve the clues to discover the identity of the trick-or-treat prankster.

Good luck!



Name	Boy or Girl	Hair Colour	Year Group	Costume	Favourite Colour
Amelie	Girl	Ginger	R	Bat	Red
Bryan	Boy	Grey	4	Pumpkin	Blue
Caleb	Boy	White	1	Skeleton	Red
Delia	Girl	Black	4	Witch	Green
Eli	Boy	Brown	3	Cat	Yellow
Florence	Girl	Ginger	R	Pumpkin	Purple
Graham	Boy	White	5	Ghost	Red
Harvey	Girl	Blonde	6	Bat	Blue
Ingrid	Girl	Black	R	Spider	Red
Jenny	Girl	White	4	Skeleton	Yellow
Kevin	Boy	Black	2	Witch	Green
Leroy	Boy	Grey	1	Cat	Purple
Martin	Boy	Blonde	R	Pumpkin	Yellow
Nigella	Girl	Ginger	4	Ghost	Blue
Ophelia	Girl	Blonde	2	Bat	Green
Peter	Boy	White	1	Spider	Red
Qasim	Boy	Brown	6	Skeleton	Blue
Rabiya	Girl	Brown	3	Witch	Blue
Sheena	Girl	Grey	5	Cat	Red
Trent	Boy	Ginger	4	Pumpkin	Purple
Una	Girl	Black	2	Ghost	Green
Veronica	Girl	Blonde	6	Bat	Red
Wanda	Girl	Black	5	Spider	Yellow
Xavier	Boy	Grey	3	Skeleton	Purple
Yasmin	Girl	Brown	5	Witch	Purple
Zach	Boy	Blonde	4	Cat	Red

# Clue 1

Find the next three numbers in each negative number sequence.

Find the final number in each sequence in the grid below and colour it in.

The one remaining box will give you a clue about the prankster's hair colour.

- 16	- 11	- 6			
- 26	- 18	- 10			
- 11	- 8	- 5			
10	2	- 6			
7	3	- 1			

9 The prankster doesn't have ginger hair.	14 The prankster doesn't have blonde hair.	4 The prankster doesn't have white hair.
- 30 The prankster doesn't have black hair.	- 20 The prankster doesn't have brown hair.	- 13 The prankster doesn't have grey hair.



Clue: The trick-or-treat prankster doesn't have \_\_\_\_\_ hair.

# Clue 2

Find a path through the maze by colouring in the correctly written Roman numerals.

The path will reveal a clue about the favourite colour of the trick-or-treat prankster.

<b>START</b>	6 = VI	10 = X	10 = L	5 = X
100 = D	10 = V	15 = XV	18 = XVIII	22 = XXII
10 = C	15 = VX	18 = LV	5 = L	24 = XXIV
45 = XLV	43 = XLIII	39 = XXXIX	31 = XXXI	27 = XXVII
50 = L	5 = C	43 = LIII	45 = LV	39 = LVIII
100 = C	43 = LIII	29 = XXIX	21 = XXI	17 = XVII
Their favourite colour isn't red	Their favourite colour isn't yellow	Their favourite colour isn't green	Their favourite colour isn't blue	Their favourite colour isn't purple



Clue: The favourite colour of the prankster isn't \_\_\_\_\_.

# Clue 3

Find the answers to these questions in the grid and cross them off.

The one remaining box will give you a clue about the prankster's costume.

$$\begin{array}{r} 73250 \\ + 8692 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 82043 \\ - 1632 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 31809 \\ + 9418 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 78115 \\ - 3422 \\ \hline \\ \hline \end{array}$$



$$\begin{array}{r} 81497 \\ - 2556 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 40836 \\ + 3275 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 71293 \\ - 3754 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 69954 \\ + 8198 \\ \hline \\ \hline \end{array}$$

78 941 bat or skeleton	44 111 spider or witch	41 227 skeleton or cat
34 814 witch or pumpkin	81 942 cat or ghost	78 152 pumpkin or cat
80 411 ghost or witch	74 693 bat or skeleton	67 539 spider or pumpkin

Clue: The prankster isn't dressed as a \_\_\_\_\_ or \_\_\_\_\_.

# Clue 4

In each row, colour the number that is the value of the underlined digit.

The column with the most correct answers will tell you if the prankster is a boy or a girl.

281 <u>9</u> 42	90 000	9000	90	900
4 <u>8</u> 0 411	80 000	80	8000	800
54 <u>1</u> 277	10	100	1000	10 000
<u>9</u> 74 693	900	900 000	90	9000
678 <u>9</u> 41	900	90	90 000	9000
8 <u>4</u> 1 192	400	400 000	4000	40 000
702 4 <u>9</u> 5	90 000	9000	90	900
<u>1</u> 38 794	10 000	100 000	1000	100
867 53 <u>9</u>	90 000	900	9	90
	Boy	Girl	Boy	Girl

Clue: The prankster is a boy / girl.

(Circle the correct answer)



# Clue 5

Check whether each of these mathematical statements is true or false. If it is right, put a tick. If it is wrong, put a cross.

Count the number of ticks and crosses.

**If there are more ticks than crosses, the prankster is in the Foundation Stage or KS1 (R, Y1 or Y2).**

**If there are more crosses than ticks, the prankster is in KS2 (Y3, Y4, Y5 or Y6).**

	Right ✓	Wrong ✗
345 252 rounded to the nearest 10 is 345 250		
143 494 rounded to the nearest 100 is 143 400		
273 362 rounded to the nearest 1000 is 273 000		
907 786 rounded to the nearest 10 000 is 910 000		
420 408 rounded to the nearest 100 000 is 500 000		
122 845 rounded to the nearest 100 is 122 900		
256 160 rounded to the nearest 100 000 is 200 000		
733 937 rounded to the nearest 1000 is 734 000		
268 778 rounded to the nearest 10 000 is 270 000		
Total		



Clue: The prankster is in the Foundation Stage or KS1 / KS2.

(Circle the correct answer)

The Halloween prankster is \_\_\_\_\_.

# The Mystery of the Halloween Prankster **Answers**

## Clue 1

- 16	- 11	- 6	- 1	4	9
- 26	- 18	- 10	- 2	6	14
- 11	- 8	- 5	- 2	1	4
10	2	- 6	- 14	- 22	- 30
7	3	- 1	- 5	- 9	- 13

9 Doesn't have ginger hair.	14 Doesn't have blonde hair.	4 Doesn't have white hair.
- 30 Doesn't have black hair.	- 20 <b>Doesn't have brown hair.</b>	- 13 Doesn't have grey hair.

Clue: The trick-or-treat prankster doesn't have **brown** hair.



**Clue 2**

<b>START</b>	<b>6 = VI</b>	<b>10 = X</b>	10 = L	5 = X
100 = D	10 = V	<b>15 = XV</b>	<b>18 = XVIII</b>	<b>22 = XXII</b>
10 = C	15 = VX	18 = LV	5 = L	<b>24 = XXIV</b>
<b>45 = XLV</b>	<b>43 = XLIII</b>	<b>39 = XXXIX</b>	<b>31 = XXXI</b>	<b>27 = XXVII</b>
<b>50 = L</b>	5 = C	43 = LIII	45 = LV	39 = LVIII
<b>100 = C</b>	43 = LIII	29 = XXIX	21 = XXI	17 = XVII
<b>Their favourite colour isn't red</b>	Their favourite colour isn't yellow	Their favourite colour isn't green	Their favourite colour isn't blue	Their favourite colour isn't purple

Clue: The favourite colour of the prankster isn't **red**.

**Clue 3**

$$\begin{array}{r} 7\ 3\ 2\ 5\ 0 \\ +\ 8\ 6\ 9\ 2 \\ \hline 8\ 1\ 9\ 4\ 2 \end{array}$$

$$\begin{array}{r} 8\ 2\ 0\ 4\ 3 \\ -\ 1\ 6\ 3\ 2 \\ \hline 8\ 0\ 4\ 1\ 1 \end{array}$$

$$\begin{array}{r} 3\ 1\ 8\ 0\ 9 \\ +\ 9\ 4\ 1\ 8 \\ \hline 4\ 1\ 2\ 2\ 7 \end{array}$$

$$\begin{array}{r} 7\ 8\ 1\ 1\ 5 \\ -\ 3\ 4\ 2\ 2 \\ \hline 7\ 4\ 6\ 9\ 3 \end{array}$$

$$\begin{array}{r} 8\ 1\ 4\ 9\ 7 \\ -\ 2\ 5\ 5\ 6 \\ \hline 7\ 8\ 9\ 4\ 1 \end{array}$$

$$\begin{array}{r} 4\ 0\ 8\ 3\ 6 \\ +\ 3\ 2\ 7\ 5 \\ \hline 4\ 4\ 1\ 1\ 1 \end{array}$$

$$\begin{array}{r} 7\ 1\ 2\ 9\ 3 \\ -\ 3\ 7\ 5\ 4 \\ \hline 6\ 7\ 5\ 3\ 9 \end{array}$$

$$\begin{array}{r} 6\ 9\ 9\ 5\ 4 \\ +\ 8\ 1\ 9\ 8 \\ \hline 7\ 8\ 1\ 5\ 2 \end{array}$$

78 941 bat or skeleton	44 111 spider or witch	41 227 skeleton or cat
<b>34 814</b> <b>witch or pumpkin</b>	81 942 cat or ghost	78 152 pumpkin or cat
80 411 ghost or witch	74 693 bat or skeleton	67 539 spider or pumpkin

Clue: The prankster isn't dressed as a **witch** or **pumpkin**.

**Clue 4**

281 <b>9</b> 42	90 000	9000	90	<b>900</b>
4 <b>8</b> 0 411	<b>80 000</b>	80	8000	800
54 <b>1</b> 277	10	100	<b>1000</b>	10 000
<b>9</b> 74 693	900	<b>900 000</b>	90	9000
678 <b>9</b> 41	<b>900</b>	90	90 000	9000
<b>8</b> 41 192	400	400 000	4000	<b>40 000</b>
702 <b>4</b> 95	90 000	9000	<b>90</b>	900
<b>1</b> 38 794	10 000	<b>100 000</b>	1000	100
867 <b>5</b> 39	90 000	900	<b>9</b>	90
	Boy	Girl	<b>Boy</b>	Girl

Clue: The prankster is a **boy**/ girl.

**Clue 5**

	Right	Wrong
345 252 rounded to the nearest 10 is 345 250	✓	
143 494 rounded to the nearest 100 is 143 400		x
273 362 rounded to the nearest 1000 is 273 000	✓	
907 786 rounded to the nearest 10 000 is 910 000	✓	
420 408 rounded to the nearest 100 000 is 500 000		x
122 845 rounded to the nearest 100 is 122 900		x
256 160 rounded to the nearest 100 000 is 200 000		x
733 937 rounded to the nearest 1000 is 734 000	✓	
268 778 rounded to the nearest 10 000 is 270 000	✓	
Total	<b>5</b>	<b>4</b>

Clue: The prankster is in the **Foundation Stage or KS1**/ KS2

**The Halloween prankster is Leroy.**