



# The Mystery of the Missing Halloween Pumpkins



Aisling and Harry are very excited as they are going to carve scary faces into pumpkins for Halloween.

They go to the supermarket to buy the pumpkins and, in the fruit and veg aisle, they find the last two pumpkins available. They are plump and perfect to use! They put their pumpkins in their trolley, chatting about the different faces they are going to carve into them.

However, when they get to the checkout till, their trolley is empty! The pumpkins have been taken by another shopper!

Solve the clues to discover the identity of the person who has taken the pumpkins.

Good luck!



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Name	Boy or Girl?	Hair Colour	Year Group	Costume	Favourite Colour
Amelie	Girl	Ginger	R	Bat	Red
Bryan	Boy	Blonde	2	Spider	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	Green
Harvey	Boy	Blonde	6	Bat	Blue
Ingrid	Girl	Black	R	Spider	Red
Jenny	Girl	White	4	Skeleton	Yellow
Kevin	Boy	Black	2	Witch	Green
Leroy	Boy	Brown	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	Black	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	Black	3	Skeleton	Purple
Yasmin	Girl	Brown	2	Witch	Purple
Zach	Boy	Blonde	1	Cat	Green

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## Clue 1

Sort the answers to these calculations into the correct box. Some numbers will belong in more than one box.

The box with the most numbers will give you a clue about the person's hair colour.

$15 \div 3 =$ <input type="text"/>	$3 \times 4 =$ <input type="text"/>	$64 \div 8 =$ <input type="text"/>	$40 \div 4 =$ <input type="text"/>
$12 \div 4 =$ <input type="text"/>	$56 \div 8 =$ <input type="text"/>	$2 \times 8 =$ <input type="text"/>	$9 \times 3 =$ <input type="text"/>
$12 \times 8 =$ <input type="text"/>	$18 \div 3 =$ <input type="text"/>	$6 \times 8 =$ <input type="text"/>	$5 \times 8 =$ <input type="text"/>
$72 \div 8 =$ <input type="text"/>	$10 \times 8 =$ <input type="text"/>	$5 \times 3 =$ <input type="text"/>	$3 \div 3 =$ <input type="text"/>

Even Number	Odd Number	Multiple of Five
The person doesn't have blonde hair.	The person doesn't have black hair.	The person doesn't have ginger hair.

Clue: \_\_\_\_\_



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## Clue 2

Find a path through the maze by colouring in the correct number bonds of 100.

The path will reveal a clue about the favourite colour of the person who has taken the pumpkins.

<b>START</b>	$46 + 54$	$80 + 30$	$95 + 6$	$14 + 76$
$14 + 96$	$70 + 30$	$19 + 81$	$72 + 28$	$15 + 85$
$60 + 50$	$11 + 79$	$54 + 56$	$34 + 76$	$23 + 77$
$72 + 28$	$55 + 55$	$69 + 31$	$67 + 33$	$51 + 49$
$69 + 31$	$21 + 89$	$95 + 5$	$99 + 2$	$36 + 74$
$92 + 8$	$19 + 91$	$65 + 35$	$58 + 52$	$86 + 14$
Their favourite colour isn't <b>red.</b>	Their favourite colour isn't <b>yellow.</b>	Their favourite colour isn't <b>green.</b>	Their favourite colour isn't <b>blue.</b>	Their favourite colour isn't <b>purple.</b>

**Clue:** The favourite colour of the person who has taken the pumpkins isn't \_\_\_\_\_.



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## 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 pumpkin stealer's costume.

$918 - 50 =$ <input type="text"/>	$122 - 10 =$ <input type="text"/>
$428 - 8 =$ <input type="text"/>	$159 - 7 =$ <input type="text"/>
$368 - 60 =$ <input type="text"/>	$137 + 100 =$ <input type="text"/>
$180 - 40 =$ <input type="text"/>	$426 - 300 =$ <input type="text"/>

308 bat or skeleton	868 spider or witch	237 skeleton or cat
314 witch or pumpkin	140 cat or ghost	420 pumpkin or cat
112 ghost or witch	152 bat or skeleton	126 spider or pumpkin

Clue: The person who has taken the pumpkins is dressed as a \_\_\_\_\_  
or \_\_\_\_\_.



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## 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 person who has taken the pumpkins is a boy or a girl.

9 <u>3</u> 4	4	40	30	400
1 <u>6</u> 8	600	60	600	6
<u>6</u> 69	6	600	60	66
4 <u>8</u> 3	18	800	8	80
<u>5</u> 42	50	5	500	50
8 <u>4</u> 5	400	40	4	400
6 <u>7</u> 5	700	7	70	7
	Boy	Girl	Boy	Girl

**Clue:** The person who has taken the pumpkins is a boy / girl.

(Circle the correct answer)



# The Mystery of the Missing Halloween Pumpkins

## Clue 5

Check if these maths statements are 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 person who has taken the pumpkins is in the **Foundation Stage (R)**.

If there are more **crosses than ticks**, the person who has taken the pumpkins is in **KS1 (Y1 or Y2)**.

If there are an **equal number of ticks and crosses**, the person who has taken the pumpkins is in **KS2 (Y3, Y4, Y5 or Y6)**.

	Right ✓	Wrong ✗
$189 > 198$		
$375 > 295$		
$364 < 464$		
$192 < 169$		
$905 > 950$		
$165 - 1 > 152 + 10$		
$392 - 60 > 221 + 100$		
$398 - 7 > 360 + 30$		
<b>Total</b>		

**Clue:** The person who has taken the pumpkins is in **Foundation Stage / KS1 / KS2**.  
(Circle the correct answer)

The person who has taken the pumpkins is: \_\_\_\_\_.

