

The Mystery ^{of} _{the} Lost Christmas Present

It is Christmas Eve and Father Christmas is hurriedly delivering presents to children all around the world. After delivering the presents on Santa Avenue, he returns to his sleigh and sees one remaining gift. Oh no, who could it possibly belong to? To make matters worse, the gift tag has fallen off!

Can you help Father Christmas work out who the gift belongs to before Christmas morning?

Solve the clues to discover who the gift belongs to.



Good luck!

The Mystery of the Lost Christmas Present

Name	Boy or Girl	Stocking Colour	Age	House Number	Location of Stocking
Amelie	girl	red	4	5	fireplace
Bryan	boy	blue	7	18	bed
Caleb	boy	green	9	6	tree
Delia	girl	yellow	2	2	stairs
Eli	boy	white	3	27	bed
Florence	girl	pink	6	19	kitchen
Graham	boy	red	10	25	fireplace
Harvey	boy	blue	11	6	tree
Ingrid	girl	green	4	29	bed
Jenny	girl	yellow	7	14	stairs
Kevin	boy	pink	8	18	fireplace
Leroy	boy	white	3	15	tree
Martin	boy	blue	9	28	bed
Nigella	girl	red	10	14	fireplace
Ophelia	girl	yellow	3	9	tree
Peter	boy	pink	6	7	stairs
Qasim	boy	red	9	6	kitchen
Rabiya	girl	green	11	15	bed
Sheena	girl	blue	5	22	bed
Trent	boy	yellow	7	21	fireplace
Una	girl	pink	10	14	tree
Veronica	girl	white	10	17	bed
Wanda	girl	red	3	18	stairs
Xavier	boy	yellow	8	25	fireplace
Yasmin	girl	yellow	7	4	kitchen
Zach	boy	green	11	7	tree

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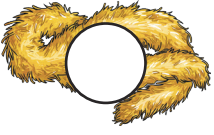

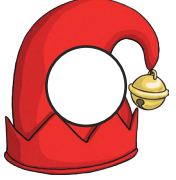


















Clue 1

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 who the gift belongs to.



 -17	 -11	 -5			
 -23	 -18	 -13			
 -24	 -15	 -6			
 18	 11	 4			
 9	 5	 1			

13 red	2 blue	4 yellow
21 green	-17 white	-11 pink

Clue: The recipient's stocking isn't _____.

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Clue 2

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



The path will reveal a clue about the age of the child that the gift belongs to.

START	10 = X	6 = IV	50 = IL	5 = L
100 = LL	50 = L	15 = XIII	28 = XXVIII	12 = XII
10 = V	18 = XVIII	15 = VX	39 = LVIII	24 = XXIV
45 = XLV	43 = XLIII	21 = XXI	45 = XLV	60 = LX
80 = LXXX	39 = XXXIX	31 = XXXI	27 = XXVII	27 = XXVII
50 = L	5 = V	29 = XXIX	43 = XLIII	17 = XVII
The recipient is not 8 years old.	The recipient is not 3 years old.	The recipient is not 11 years old.	The recipient is not 6 years old.	The recipient is not 10 years old.

Clue: The child that the gift belongs to is not _____ years old.

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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 recipient's stocking location.



$$\begin{array}{r} 56993 \\ + 6060 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 31486 \\ - 4352 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 72559 \\ + 1754 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 56505 \\ - 3770 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 86101 \\ - 9997 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 67657 \\ + 8022 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 81906 \\ - 7013 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 75743 \\ + 1602 \\ \hline \\ \hline \end{array}$$

<p>75 679</p> <p>The stocking is not found by the bed and kitchen.</p>	<p>74 893</p> <p>The stocking is not found by the kitchen and fireplace.</p>	<p>27 134</p> <p>The stocking is not found by the tree and stairs.</p>
<p>78 612</p> <p>The stocking is not found by the bed or fireplace.</p>	<p>63 053</p> <p>The stocking is not found by the kitchen and stairs.</p>	<p>76 104</p> <p>The stocking is not found by the stairs and bed.</p>
<p>74 313</p> <p>The stocking is not found by the bed and tree.</p>	<p>77 345</p> <p>The stocking is not found by the tree and bed.</p>	<p>52 735</p> <p>The stocking is not found by the kitchen and tree.</p>

Clue: The stocking isn't found by the _____ 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 gift belongs to a boy or a girl.



564 <u>9</u> 78	900	9000	90 000	90
<u>3</u> 85 902	80	80 000	8000	800
54 <u>1</u> 672	10 000	100	1000	100
<u>9</u> 76 598	900	9000	90	900 000
812 <u>9</u> 01	90	90 000	9	900
<u>5</u> 41 767	40 000	400 000	4000	400
451 <u>3</u> 95	90 000	9000	90	900
<u>1</u> 04 523	10 000	100	1000	100 000
802 56 <u>9</u>	90 000	9	900	90
	boy	girl	boy	girl

Clue: The gift belongs to a boy / girl.

(Circle the correct answer.)

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Clue 5

Check if these maths statements are correct or incorrect. 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 gift's owner lives in a house with an odd number.

If there are more crosses than ticks, the gift's owner lives in a house with an even number.



	✓	✗
283 561 rounded to the nearest 10 is 283 600		
378 239 rounded to the nearest 100 is 378 200		
478 298 rounded to the nearest 1000 is 478 300		
775 309 rounded to the nearest 10 000 is 770 000		
672 341 rounded to the nearest 100 000 is 700 000		
763 652 rounded to the nearest 100 is 763 700		
231 563 rounded to the nearest 100 000 is 200 000		
569 937 rounded to the nearest 1000 is 560 000		
398 235 rounded to the nearest 10 000 is 400 000		
Total		




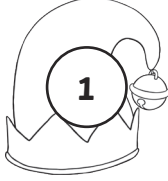














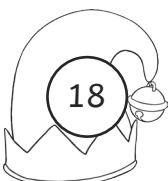











Clue: The owner of the gift lives in a house with a number that is odd / even.

(Circle the correct answer.)

The gift belongs to _____.

The Mystery of the Lost Christmas Present **Answers**

Clue 1

 -17	 -11	 -5	 1	 7	 13
 -23	 -18	 -13	 -8	 -3	 2
 -24	 -15	 -6	 3	 12	 21
 18	 11	 4	 -3	 -10	 -17
 9	 5	 1	 -3	 -7	 -11

13 red	2 blue	4 yellow
21 green	-17 white	-11 pink

Clue: The recipient's stocking isn't **yellow**.

The Mystery of the Lost Christmas Present **Answers**

Clue 2

START	10 = X	6 = IV	50 = IL	5 = L
100 = LL	50 = L	15 = XIII	28 = XXVIII	12 = XII
10 = V	18 = XVIII	15 = VX	39 = LVIII	24 = XXIV
45 = XLV	43 = XLIII	21 = XXI	45 = XLV	60 = LX
80 = LXXX	39 = XXXIX	31 = XXXI	27 = XXVII	27 = XXVII
50 = L	5 = V	29 = XXIX	43 = XLIII	17 = XVII
The recipient is not 8 years old.	The recipient is not 3 years old.	The recipient is not 11 years old.	The recipient is not 6 years old.	The recipient is not 10 years old.

Clue: The child that the gift belongs to is not **10** years old.

The Mystery of the Lost Christmas Present **Answers**

Clue 3

$$\begin{array}{r} 5\ 6\ 9\ 9\ 3 \\ +\ 6\ 0\ 6\ 0 \\ \hline 6\ 3\ 0\ 5\ 3 \end{array}$$

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

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

$$\begin{array}{r} 5\ 6\ 5\ 0\ 5 \\ -\ 3\ 7\ 7\ 0 \\ \hline 5\ 2\ 7\ 3\ 5 \end{array}$$

$$\begin{array}{r} 8\ 6\ 1\ 0\ 1 \\ -\ 9\ 9\ 9\ 7 \\ \hline 7\ 6\ 1\ 0\ 4 \end{array}$$

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

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

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

<p>75 679 The stocking is not found by the bed and kitchen.</p>	<p>74 893 The stocking is not found by the kitchen and fireplace.</p>	<p>27 134 The stocking is not found by the tree and stairs.</p>
<p>78 612 The stocking is not found by the bed or fireplace.</p>	<p>63 053 The stocking is not found by the kitchen and stairs.</p>	<p>76 104 The stocking is not found by the stairs and bed.</p>
<p>74 313 The stocking is not found by the bed and tree.</p>	<p>77 345 The stocking is not found by the tree and bed.</p>	<p>52 735 The stocking is not found by the kitchen and tree.</p>

Clue: The stocking isn't found by the **bed** or **fireplace**.

The Mystery of the Lost Christmas Present **Answers**

Clue 4

564 <u>9</u> 78	900	9000	90 000	90
<u>3</u> 85 902	80	80 000	8000	800
54 <u>1</u> 672	10 000	100	1000	100
<u>9</u> 76 598	900	9000	90	900 000
812 <u>9</u> 01	90	90 000	9	900
<u>5</u> 41 767	40 000	400 000	4000	400
451 <u>3</u> 95	90 000	9000	90	900
<u>1</u> 04 523	10 000	100	1000	100 000
802 5 <u>6</u> 9	90 000	9	900	90
	boy	girl	boy	girl

Clue: The gift belongs to a boy / **girl**.

(Circle the correct answer.)

The Mystery of the Lost Christmas Present **Answers**

Clue 5

	✓	X
283 561 rounded to the nearest 10 is 283 600		X
378 239 rounded to the nearest 100 is 378 200	✓	
478 298 rounded to the nearest 1000 is 478 300		X
775 309 rounded to the nearest 10 000 is 770 000		X
672 341 rounded to the nearest 100 000 is 700 000	✓	
763 652 rounded to the nearest 100 is 763 700	✓	
231 563 rounded to the nearest 100 000 is 200 000	✓	
569 937 rounded to the nearest 1000 is 560 000		X
398 235 rounded to the nearest 10 000 is 400 000	✓	
Total	5	4

Clue: The owner of the gift lives in a house with a number that is **odd**/ even.

(Circle the correct answer.)

The gift belongs to **Florence**.