

The Mystery ^{of} the Christmas Party

It is Christmas at Nazareth Primary School and the children have a school Christmas Party.

During the party the children play pass the parcel. Use the clues to find the winner.



Good luck!

The Mystery of the Christmas Party

| Name | Boy or Girl | Hair Colour | Age | Party Food Contribution | Party Clothes colour |
|----------|-------------|-------------|-----|-------------------------|----------------------|
| Aisha | girl | ginger | 5 | crisps | red |
| Bryan | boy | blonde | 7 | biscuits | green |
| Caleb | boy | white | 9 | drink | blue |
| Delia | girl | black | 2 | cake | purple |
| Eli | boy | brown | 3 | fruit | white |
| Florence | girl | ginger | 6 | sandwiches | yellow |
| Giovani | boy | white | 10 | crisps | purple |
| Harvey | boy | blonde | 11 | drink | red |
| Ingrid | girl | black | 4 | biscuits | blue |
| Jenny | girl | white | 7 | cake | green |
| Kevin | boy | black | 8 | sandwiches | purple |
| Leroy | boy | brown | 3 | drink | blue |
| Martin | boy | blonde | 9 | fruit | red |
| Nigella | girl | ginger | 10 | biscuits | yellow |
| Ophelia | girl | blonde | 3 | cake | green |
| Peter | boy | white | 6 | crisps | purple |
| Qasim | boy | brown | 9 | fruit | blue |
| Rabiya | girl | brown | 11 | fruit | green |
| Sheena | girl | black | 5 | crisps | yellow |
| Trent | boy | ginger | 7 | biscuits | red |
| Una | girl | black | 9 | drink | blue |
| Veronica | girl | blonde | 10 | sandwiches | red |
| Wanda | girl | black | 3 | biscuits | purple |
| Xavier | boy | black | 8 | drink | yellow |
| Yasmin | girl | brown | 7 | sandwiches | green |
| Zach | boy | blonde | 11 | crisps | yellow |

The Mystery of the Christmas Party

Clue 1

Find the next three numbers in each number sequence.

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

The box that is not coloured in will give you a clue about the winner's party food contribution.



| | | | | | |
|--|--|--|--|--|--|
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| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |

| | | |
|--|---|---|
| <p>52 The winner's party contribution is not cake.</p> | <p>60 The winner's party contribution is not biscuits.</p> | <p>54 The winner's party contribution is not drink.</p> |
| <p>58 The winner's party contribution is not fruit.</p> | <p>56 The winner's party contribution is not sandwiches.</p> | <p>48 The winner's party contribution is not crisps.</p> |

Clue: The winner's party contribution is not _____.

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Clue 2

Find a path through the maze by colouring in the correctly written greater than or less than statements. Make sure you begin at START!

The path will reveal a clue about the winner's hair colour.



| | | | | |
|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|
| START | $233 < 323$ | $445 < 448$ | $328 > 329$ | $496 < 445$ |
| $656 > 665$ | $334 < 324$ | $828 < 882$ | $465 > 458$ | $119 < 1002$ |
| $302 < 802$ | $611 > 911$ | $776 < 767$ | $881 > 889$ | $590 < 680$ |
| $125 > 108$ | $992 < 929$ | $467 > 458$ | $186 < 200$ | $262 < 282$ |
| $447 > 338$ | $774 < 747$ | $852 < 891$ | $120 < 110$ | $556 > 565$ |
| $106 < 110$ | $332 < 323$ | $769 < 776$ | $998 > 989$ | $545 < 554$ |
| $139 > 120$ | $677 > 669$ | $747 > 774$ | $324 > 332$ | $109 < 112$ |
| The hair of the winner is not white. | The hair of the winner is not blonde. | The hair of the winner is not brown. | The hair of the winner is not ginger. | The hair of the winner is not black. |

Clue: The hair of the winner is not _____.

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Clue 3

Find the answers to these questions in the grid below and colour them in.

The box that is not coloured in will tell give you a clue about the winner's clothes.



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

$$\begin{array}{r} 3 \quad 1 \quad 6 \\ - \quad \quad 4 \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 2 \quad 5 \\ + \quad \quad 1 \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 6 \quad 5 \\ - \quad \quad 7 \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 6 \quad 1 \\ - \quad \quad 9 \quad 9 \\ \hline \\ \hline \end{array}$$



| | | |
|---|--|---|
| 488 The winner's party clothes colour is not red or yellow. | 462 The winner's party clothes colour is not green or blue. | 639 The winner's party clothes colour is not white or purple. |
| 743 The winner's party clothes colour is not white or blue. | 482 The winner's party clothes colour is not purple or yellow. | 273 The winner's party clothes colour is not green or red. |

Clue: The winner's party clothes colour is not _____ or _____.

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Clue 4

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

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



| | | |
|--------------|------------|------------|
| <u>9</u> 78 | 9 | 900 |
| 90 <u>2</u> | 2 | 20 |
| 6 <u>7</u> 2 | 7 ones | 7 tens |
| 5 <u>9</u> 8 | 900 | 90 |
| <u>4</u> 01 | 4 hundreds | 4 tens |
| 76 <u>7</u> | 7 | 70 |
| 3 <u>9</u> 5 | 9 ones | 9 tens |
| <u>5</u> 23 | 5 ones | 5 hundreds |
| 56 <u>9</u> | 9 | 90 |
| | Boy | Girl |

Clue: The winner is a boy / girl.

(Circle the correct answer.)

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Clue 5

Check if these maths statements are true or false. If it is correct, 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 age of the winner is an even number.

If there are more crosses than ticks, the age of the winner is an odd number.



| | True ✓ | False ✗ |
|--------------------------------------|--------|---------|
| 788 = seven hundred and eighty-eight | | |
| 301 = three hundred and ten | | |
| 817 = eighty hundred and seventy | | |
| 275 = two hundred and seventy-five | | |
| 592 = five hundred and ninety-two | | |
| 640 = six hundred and fourteen | | |
| 725 = seven hundred and twenty-five | | |
| 298 = two hundred and eighty-nine | | |
| 412 = four hundred and twelve | | |
| Total | | |

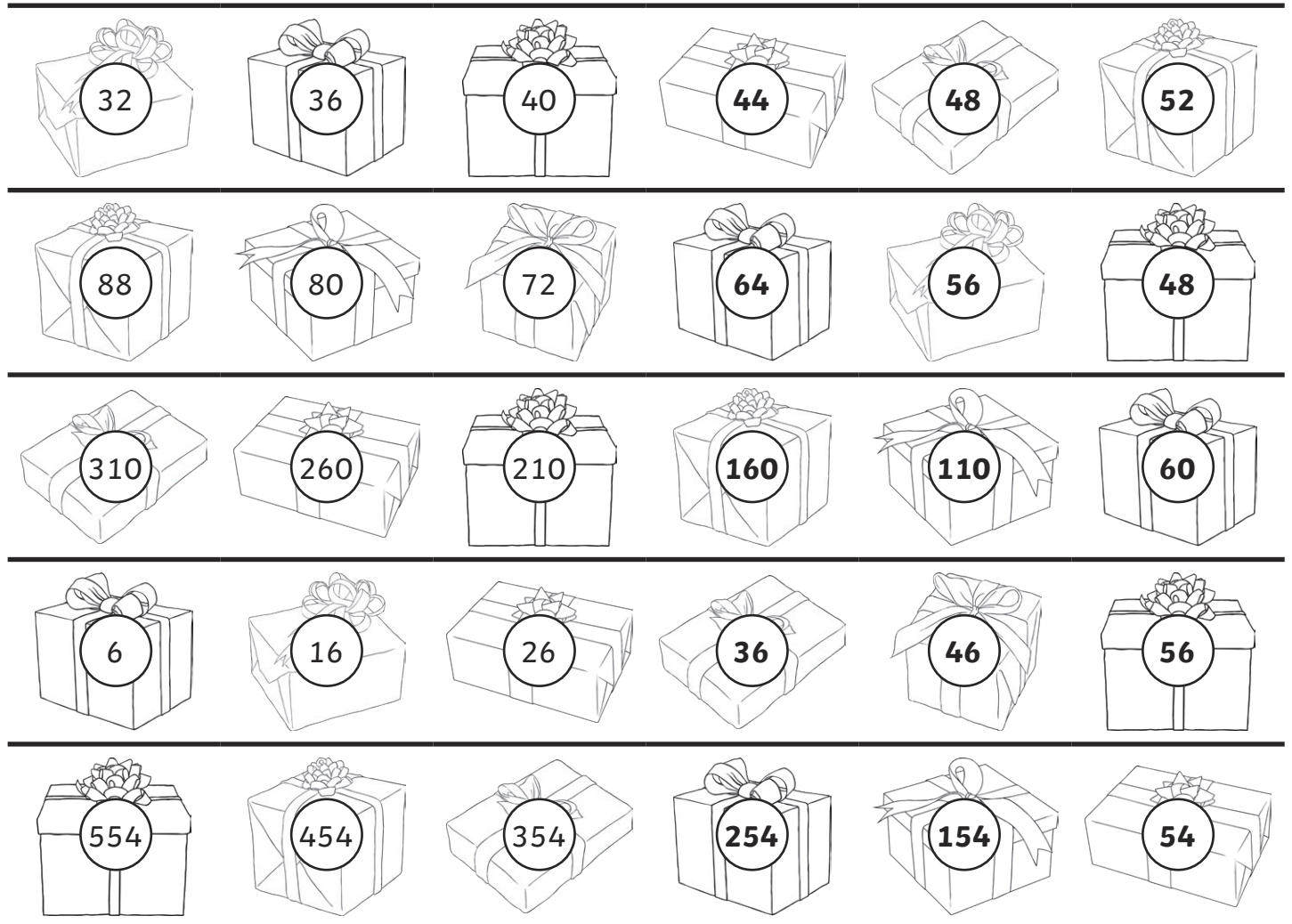
Clue: The age of the winner is even / odd.

(Circle the correct answer.)

The winner is: _____.

The Mystery of the Christmas Party Answers

Clue 1



| | | |
|--|---|---|
| 52 The winner's party contribution is not cake. | 60 The winner's party contribution is not biscuits. | 54 The winner's party contribution is not drink. |
| 58 The winner's party contribution is not fruit. | 56 The winner's party contribution is not sandwiches. | 48 The winner's party contribution is not crisps. |

Clue: The winner's party contribution is not **fruit**.

The Mystery of the Christmas Party **Answers**

Clue 2

| | | | | |
|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---|
| START | 233 < 323 | 445 < 448 | 328 > 329 | 496 < 445 |
| 656 > 665 | 334 < 324 | 828 < 882 | 465 > 458 | 119 < 1002 |
| 302 < 802 | 611 > 911 | 776 < 767 | 881 > 889 | 590 < 680 |
| 125 > 108 | 992 < 929 | 467 > 458 | 186 < 200 | 262 < 282 |
| 447 > 338 | 774 < 747 | 852 < 891 | 120 < 110 | 556 > 565 |
| 106 < 110 | 332 < 323 | 769 < 776 | 998 > 989 | 545 < 554 |
| 139 > 120 | 677 > 669 | 747 > 774 | 324 > 332 | 109 < 112 |
| The hair of the winner is not white. | The hair of the winner is not blonde. | The hair of the winner is not brown. | The hair of the winner is not ginger. | The hair of the winner is not black. |

Clue: The hair of the winner is not **black**.

The Mystery of the Christmas Party **Answers**

Clue 3

$$\begin{array}{r}
 5 \quad 6 \quad 9 \\
 + \quad \quad 7 \quad 0 \\
 \hline
 6 \quad 3 \quad 9 \\
 \hline
 \end{array}$$

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

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

$$\begin{array}{r}
 5 \quad 6 \quad 5 \\
 - \quad \quad 7 \quad 7 \\
 \hline
 4 \quad 8 \quad 8 \\
 \hline
 \end{array}$$

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

| | | |
|---|--|---|
| 488 The winner's party clothes colour is not red or yellow. | 462 The winner's party clothes colour is not green or blue. | 639 The winner's party clothes colour is not white or purple. |
| 743 The winner's party clothes colour is not white or blue. | 482 The winner's party clothes colour is not purple or yellow. | 273 The winner's party clothes colour is not green or red. |

Clue: The winner's party clothes colour is not **purple** or **yellow**.

The Mystery of the Christmas Party **Answers**

Clue 4

| | | |
|--------------|-------------------|-------------------|
| <u>9</u> 78 | 9 | 900 |
| 90 <u>2</u> | 2 | 20 |
| <u>6</u> 72 | 7 ones | 7 tens |
| <u>5</u> 98 | 900 | 90 |
| <u>4</u> 01 | 4 hundreds | 4 tens |
| 7 <u>6</u> 7 | 7 | 70 |
| <u>3</u> 95 | 9 ones | 9 tens |
| <u>5</u> 23 | 5 ones | 5 hundreds |
| 5 <u>6</u> 9 | 9 | 90 |
| | Boy | Girl |

Clue: The winner is a boy / (**girl**).

(Circle the correct answer.)

The Mystery of the Christmas Party **Answers**

Clue 5

| | True ✓ | False ✗ |
|--------------------------------------|----------|----------|
| 788 = seven hundred and eighty-eight | ✓ | |
| 301 = three hundred and ten | | ✗ |
| 817 = eighty hundred and seventy | | ✗ |
| 275 = two hundred and seventy-five | ✓ | |
| 592 = five hundred and ninety-two | ✓ | |
| 640 = six hundred and fourteen | | ✗ |
| 725 = seven hundred and twenty-five | ✓ | |
| 298 = two hundred and eighty-nine | | ✗ |
| 412 = four hundred and twelve | ✓ | |
| Total | 5 | 4 |

Clue: The age of the winner is **even** / odd.

(Circle the correct answer.)

The winner is: **Veronica**.