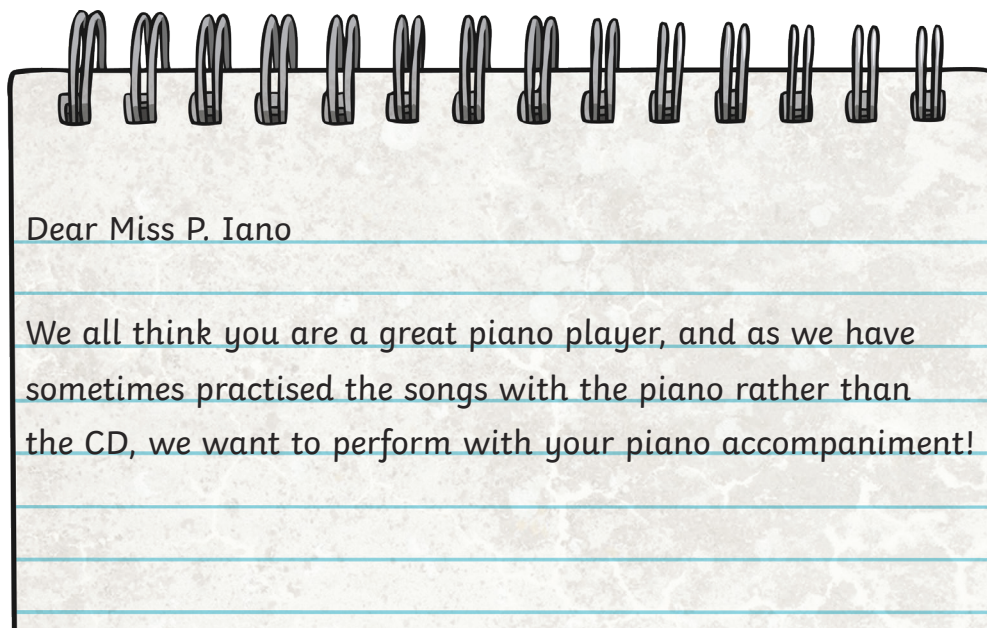


The Mystery ^{of} the Christmas Nativity

It is Christmas time at Nazareth Primary School and the children are preparing for the school nativity play.

However, when they come to perform the play, they find the music CD is missing!
The music has been replaced by a message that reads:



Dear Miss P. Iano

We all think you are a great piano player, and as we have
sometimes practised the songs with the piano rather than
the CD, we want to perform with your piano accompaniment!

So the teacher accompanies the children's singing with the piano and the nativity is a great success.

However, after the performance Miss P. Iano wants to find out who took the CD. Solve the clues to discover the identity of the CD swapper.

Good luck!

The Mystery of the Christmas Nativity

| Name | Boy or Girl | Hair Colour | Age | Nativity Play Character | Favourite Musical Instrument |
|----------|-------------|-------------|-----|-------------------------|------------------------------|
| Aisha | girl | ginger | 4 | shepherd | drums |
| Bryan | boy | blonde | 7 | wise traveller | piano |
| Caleb | boy | white | 9 | angel | guitar |
| Delia | girl | black | 2 | animal | piano |
| Eli | boy | brown | 3 | Joseph | flute |
| Florence | girl | ginger | 6 | animal | trumpet |
| Graham | boy | white | 10 | wise traveller | trumpet |
| Harvey | boy | blonde | 11 | shepherd | drums |
| Ingrid | girl | black | 4 | angel | guitar |
| Jenna | girl | white | 7 | wise traveller | flute |
| Kevin | boy | black | 8 | animal | drums |
| Leroy | boy | brown | 3 | angel | piano |
| Martin | boy | blonde | 9 | innkeeper | guitar |
| Nigella | girl | ginger | 10 | shepherd | piano |
| Ophelia | girl | blonde | 3 | Mary | drums |
| Peter | boy | white | 6 | angel | guitar |
| Qasim | boy | brown | 9 | wise traveller | trumpet |
| Rabiya | girl | brown | 11 | shepherd | drums |
| Sheena | girl | black | 5 | animal | flute |
| Trent | boy | ginger | 8 | wise traveller | piano |
| Una | girl | black | 9 | angel | guitar |
| Veronica | girl | blonde | 10 | shepherd | trumpet |
| Wanda | girl | black | 3 | animal | piano |
| Xavier | boy | black | 8 | wise traveller | guitar |
| Yasmin | girl | brown | 7 | shepherd | drums |
| Zach | boy | blonde | 11 | angel | piano |

The Mystery of the Christmas Nativity































Clue 1

Find the next three numbers in each number sequence.

Find the final 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 CD swapper's favourite instrument.



| | | | | | |
|---|--|--|---|--|--|
|  18 |  24 |  30 |  <input type="text"/> |  <input type="text"/> |  <input type="text"/> |
|  14 |  21 |  28 |  <input type="text"/> |  <input type="text"/> |  <input type="text"/> |
|  90 |  81 |  72 |  <input type="text"/> |  <input type="text"/> |  <input type="text"/> |
|  84 |  78 |  72 |  <input type="text"/> |  <input type="text"/> |  <input type="text"/> |
|  91 |  84 |  77 |  <input type="text"/> |  <input type="text"/> |  <input type="text"/> |

| | | |
|-------------------|-----------------|-----------------|
| 48 the guitar | 56 the drums | 45 the flute |
| 44 the trumpet | 54 the piano | 49 the drums |

Clue: The favourite instrument of the CD swapper is not _____.

The Mystery of the Christmas Nativity

Clue 2

'Find a path through the maze by colouring in the correctly written Roman numerals. Make sure you begin at START!



The path will to reveal a clue about the CD swapper's hair colour.

| | | | | |
|--------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|
| START | 7 = VII | 10 = X | 45 = LXV | 43 = XLII |
| 10 = C | 15 = VX | 26 = XXVI | 28 = XXVIII | 12 = XII |
| 90 = XC | 65 = LVX | 18 = XVIIX | 60 = L | 24 = XXIV |
| 100 = C | 23 = XXIIV | 17 = XVII | 15 = XV | 27 = XXVII |
| 50 = L | 5 = IIIII | 39 = XXXIX | 31 = VVVI | 6 = IV |
| 40 = XL | 14 = XIIIII | 61 = LXI | 45 = XLV | 39 = XXXIX |
| 100 = L | 43 = XLIII | 29 = XIXX | 21 = LLI | 43 = XLIII |
| The CD swapper's hair is not blonde. | The CD swapper's hair is not white. | The CD swapper's hair is not ginger. | The CD swapper's hair is not brown. | The CD swapper's hair is not black. |

Clue: The CD swapper's hair is not _____.

The Mystery of the Christmas Nativity

Clue 3

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

The one box that is not coloured in will tell you the character the CD Swapper is not dressed as.



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

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

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

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

$$\begin{array}{r} 5 \ 6 \ 1 \ 0 \\ - \quad 9 \ 9 \ 9 \\ \hline \\ \hline \end{array}$$

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

$$\begin{array}{r} 5 \ 1 \ 9 \ 0 \\ - \quad 7 \ 0 \ 1 \\ \hline \\ \hline \end{array}$$

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

| | | |
|---|--|---|
| <p>2733 The CD Swapper is not Joseph or Mary.</p> | <p>4962 The CD Swapper is not a shepherd or angel.</p> | <p>4567 The CD Swapper is not a wise traveller or animal.</p> |
| <p>7440 The CD Swapper is not a shepherd or animal.</p> | <p>6405 The CD Swapper is not the inn keeper or a shepherd.</p> | <p>4873 The CD Swapper is not Joseph or a wise traveller.</p> |
| <p>4611 The CD Swapper is not an animal or wise traveller.</p> | <p>4489 The CD Swapper is not Mary or a shepherd.</p> | <p>2734 The CD Swapper is not an animal or the inn keeper.</p> |

Clue: The CD swapper is not a _____ or _____.

The Mystery of the Christmas Nativity

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 CD swapper is a boy or a girl.



| | | | | |
|----------------|-----|--------|------|------|
| 4 <u>9</u> 78 | 9 | 9000 | 900 | 90 |
| 5 90 <u>2</u> | 2 | 20 | 2000 | 200 |
| <u>1</u> 672 | 1 | 1000 | 100 | 10 |
| 6 5 <u>9</u> 8 | 900 | 90 | 9000 | 9 |
| 3 <u>9</u> 01 | 90 | 90 000 | 9 | 900 |
| 1 76 <u>7</u> | 7 | 7000 | 700 | 70 |
| 1 3 <u>9</u> 5 | 900 | 9000 | 90 | 9 |
| 4 <u>5</u> 23 | 5 | 50 | 5000 | 500 |
| 8 56 <u>9</u> | 9 | 9000 | 900 | 90 |
| | Boy | Girl | Boy | Girl |

Clue: The CD swapper is a boy / girl.

(Circle the correct answer.)

The Mystery of the Christmas Nativity

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 CD swapper is an even number.

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



| | Even ✓ | Odd ✗ |
|---|--------|-------|
| 3 561 rounded to the nearest 10 is 3560 | | |
| 8 239 rounded to the nearest 100 is 8240 | | |
| 8 298 rounded to the nearest 1000 is 8000 | | |
| 5 309 rounded to the nearest 10 is 5300 | | |
| 2 341 rounded to the nearest 100 is 2000 | | |
| 3 652 rounded to the nearest 1000 is 4000 | | |
| 1 563 rounded to the nearest 10 is 1560 | | |
| 9 937 rounded to the nearest 1000 is 9900 | | |
| 8 235 rounded to the nearest 100 is 8200 | | |
| Total | | |



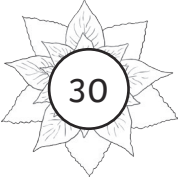














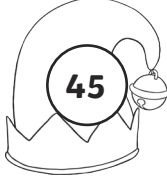

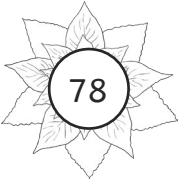









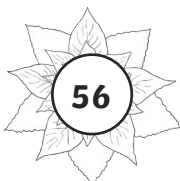
Clue: The age of the CD swapper is even / odd.

(Circle the correct answer.)

The CD swapper is: _____.

The Mystery of the Christmas Nativity Answers

Clue 1

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

| | | |
|-------------------|-----------------|-----------------|
| 48 the guitar | 56 the drums | 45 the flute |
| 44 the trumpet | 54 the piano | 49 the drums |

Clue: The favourite instrument of the CD swapper is not **the trumpet**.

The Mystery of the Christmas nativity **Answers**

Clue 2

| | | | | |
|--------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|--|
| START | 7 = VII | 10 = X | 45 = LXV | 43 = XLII |
| 10 = C | 15 = VX | 26 = XXVI | 28 = XXVIII | 12 = XII |
| 90 = XC | 65 = LVX | 18 = XVIIX | 60 = L | 24 = XXIV |
| 100 = C | 23 = XXIIIV | 17 = XVII | 15 = XV | 27 = XXVII |
| 50 = L | 5 = IIIII | 39 = XXXIX | 31 = VVVI | 6 = IV |
| 40 = XL | 14 = XIIIII | 61 = LXI | 45 = XLV | 39 = XXXIX |
| 100 = L | 43 = XLIII | 29 = XIXX | 21 = LLI | 43 = XLIII |
| The CD swapper's hair is not blonde. | The CD swapper's hair is not white. | The CD swapper's hair is not ginger. | The CD swapper's hair is not brown. | The CD swapper's hair is not black. |

Clue: The CD swapper's hair is not **black**.

The Mystery of the Christmas nativity **Answers**

Clue 3

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

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

| | | |
|---|--|---|
| <p>2733 The CD Swapper is not Joseph or Mary.</p> | <p>4962 The CD Swapper is not a shepherd or angel.</p> | <p>4567 The CD Swapper is not a wise traveller or animal.</p> |
| <p>7440 The CD Swapper is not a shepherd or animal.</p> | <p>6405 The CD Swapper is not the inn keeper or a shepherd.</p> | <p>4873 The CD Swapper is not Joseph or a wise traveller.</p> |
| <p>4611 The CD Swapper is not an animal or wise traveller.</p> | <p>4489 The CD Swapper is not Mary or a shepherd.</p> | <p>2734 The CD Swapper is not an animal or the inn keeper.</p> |

Clue: The CD swapper is not a **shepherd** or **angel**.

The Mystery of the Christmas nativity **Answers**

Clue 4

| | | | | |
|----------------|------------|-------------|------------|------------|
| 4 <u>9</u> 78 | 9 | 9000 | 900 | 90 |
| 5 9 <u>0</u> 2 | 2 | 20 | 2000 | 200 |
| <u>1</u> 672 | 1 | 1000 | 100 | 10 |
| 6 5 <u>9</u> 8 | 900 | 90 | 9000 | 9 |
| 3 <u>9</u> 01 | 90 | 90 000 | 9 | 900 |
| 1 7 <u>6</u> 7 | 7 | 7000 | 700 | 70 |
| 1 3 <u>9</u> 5 | 900 | 9000 | 90 | 9 |
| 4 <u>5</u> 23 | 5 | 50 | 5000 | 500 |
| 8 5 <u>6</u> 9 | 9 | 9000 | 900 | 90 |
| | Boy | Girl | Boy | Girl |

Clue: The CD swapper is a **boy** / girl.

(Circle the correct answer.)

The Mystery of the Christmas nativity **Answers**

Clue 5

| | Even ✓ | Odd ✗ |
|---|----------|----------|
| 3 561 rounded to the nearest 10 is 3560 | ✓ | |
| 8 239 rounded to the nearest 100 is 8240 | | ✗ |
| 8 298 rounded to the nearest 1000 is 8000 | ✓ | |
| 5 309 rounded to the nearest 10 is 5300 | | ✗ |
| 2 341 rounded to the nearest 100 is 2000 | | ✗ |
| 3 652 rounded to the nearest 1000 is 4000 | ✓ | |
| 1 563 rounded to the nearest 10 is 1560 | ✓ | |
| 9 937 rounded to the nearest 1000 is 9900 | | ✗ |
| 8 235 rounded to the nearest 100 is 8200 | ✓ | |
| Total | 5 | 4 |

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

(Circle the correct answer.)

The CD swapper is: **Trent**.