

Stanbridge Lower School



Home Learning Grid

English

Spelling:

- 1) Continue to practice your weekly spellings
- 2) Can you make a word search using these spellings or write some winter themed sentences?

Writing:

- A) Write a Christmas or winter themed acrostic poem. See if you can use lots of adjectives to describe throughout!

OR

- B) Write a set of instructions on how to build a snowman. Can you include a title, numbering, a list of equipment and time conjunctions (e.g. First, then, finally)? You could also draw a picture of that you made yesterday to show the finished outcome.

Maths

Years 2, 3 and 4 complete their daily sessions on Times Tables Rock Stars.

Have a go at solving the Christmas themed maths mystery for your year group. Can you use your maths skills to solve the clues and find the person responsible?

Year 1 – The Sleeping Elf Christmas Maths Mystery

Year 2 – The Mystery of the Missing Reindeer Bells

Year 3 – The Mystery of the Christmas Party

Year 4 - The Mystery of the Christmas Nativity

Reception- practise your number bonds to 5 using objects you can find at home.

Preschool – can you make a stripy scarf with a repeating pattern from Lego blocks or similar for a cold elf?

DT

Can you use materials that you have at home or outside to make a Christmas tree decoration? You could use natural materials from outside like sticks and leaves or other media such as card or paper.

RE/Computing/Art

Can you draw an Advent Wreath and research what they represent on the internet with help from an adult? What do the candles and wreaths symbolize? Colour in and label your wreath where possible.

PE

<https://www.youtube.com/watch?v=Dp9jd1Ug2y4> Have a go at the 'Joybob The Polar Bear' themed yoga session.

OR

Just have fun and play in the snow!

Reading

Read your reading book.

Y2,3,4

Make a list of questions to ask one of your main characters. You could even record some of the responses that you think the characters would say in response.

Reception and Preschool – share stories with someone at home.

Geography / Computing

Can you research how Christmas is celebrated around the world? The younger children could focus on one country in particular and the older children could research and compare two or three. Can they locate these places on a map and record their findings? You could present your findings as a poster, a non-fiction report or make a PowerPoint presentation.

The Sleeping Elf



Christmas

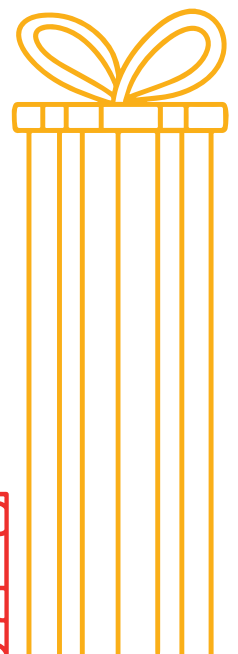
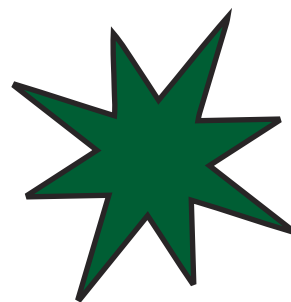
**Maths
Mystery**

(Year 1)



Father Christmas has been busy getting everything ready and he has asked his elves to help out. Everyone is working away, making toys and wrapping them... apart from one naughty elf! Father Christmas can hear snoring coming from under the wrapping table... but who is it? Work through the clues to find out which elf is sleeping instead of helping!

<input type="checkbox"/>	Ada
<input type="checkbox"/>	Albert
<input type="checkbox"/>	Horace
<input type="checkbox"/>	Mavis
<input type="checkbox"/>	Gervais
<input type="checkbox"/>	Henrietta



Number Sequences

Find a path through the grid by counting up in 5s. Colour each number as you go and find out the first letter of an elf that is busy making a rocking horse for a child. You can only move left, right, up or down.

Start

5	10	25	35	30	40	60
5	15	15	35	40	45	50
30	20	25	30	50	55	55
60	30	20	70	70	65	60
80	60	45	80	75	75	70
85	65	50	85	85	80	85

90
90
90

The name
starts with **A**

The name
starts with **G**

The name
starts with **H**

The sleeping elf is not .

Elf I Spy

Count the number of elves. If you count an odd number of elves, the sleeping elf is NOT Ada. If you count an even number of elves, the sleeping elf is NOT Albert.



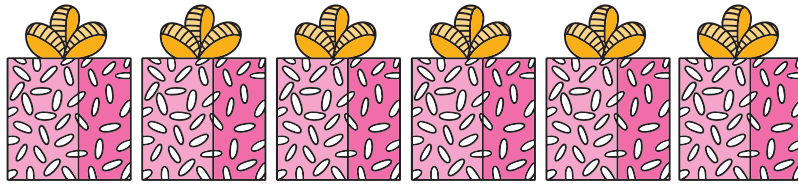
Number of elves =

The sleeping elf is not .

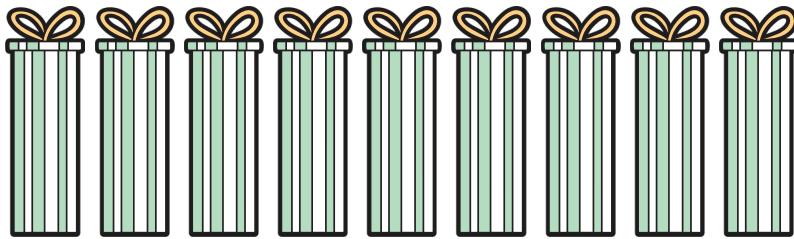
Perfect Present Addition

Complete the calculations and colour in the answers below.

Rearrange the words to make a sentence and solve the clue. Don't forget to only use the words that you have coloured in!



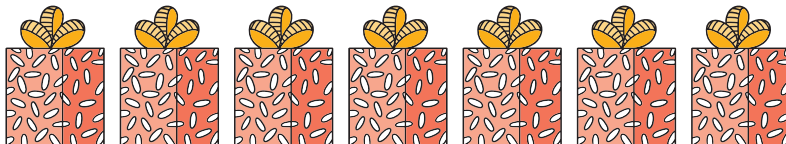
$$+ 8 = \square$$



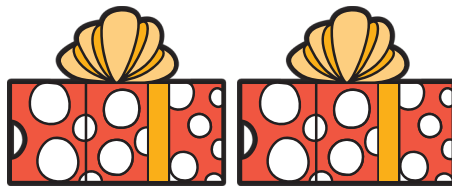
$$+ 3 = \square$$



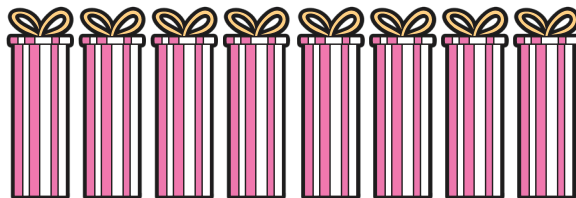
$$+ 11 = \square$$



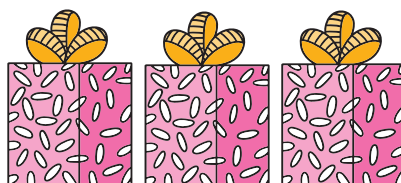
$$+ 3 = \square$$



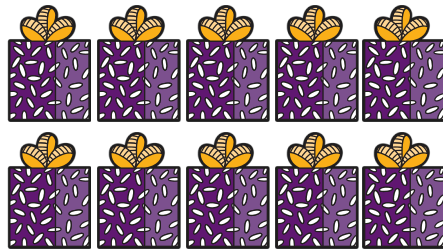
$$+ 7 = \square$$



$$+ 5 = \square$$



$$+ 15 = \square$$



$$+ 5 = \square$$



$$+ 4 = \square$$

shortest	elf	name	not	big	sleeping	is
11	9	15	10	17	12	18

with	eating	the	awake	longest	The	number
16	20	14	19	8	13	7

Rearrange the words into a sentence:



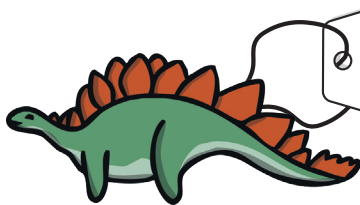
The sleeping elf is not

.

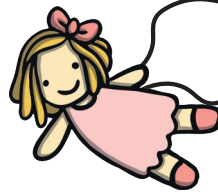


Toy Number Word Matching

Read the number words. Match them to their digits and colour in the words. Rearrange the words to make a sentence and solve the next clue.



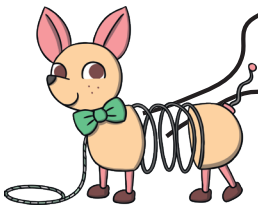
twelve



eight



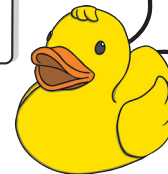
two



seven



four



five



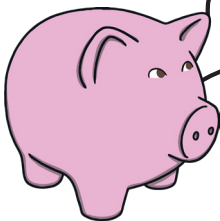
eleven



thirteen



ten



fourteen



nine



with	vowels	The	their	consonants	sleeping	name
8	5	11	13	3	4	10

elf	three	in	letters	not	awake	is
14	7	9	15	2	6	12



Rearrange the words into a sentence:



The sleeping elf is not

True or False?

Read each statement and decide whether it is true or false. If you have more **true** statements, the elf not sleeping has six letters in their name. If you have more **false** statements, the elf not sleeping has five letters in their name.

Statement	True	False
A triangle has 4 sides.	<input type="checkbox"/>	<input type="checkbox"/>
There are 6 tens in 60.	<input type="checkbox"/>	<input type="checkbox"/>
25 is in the 5 times table.	<input type="checkbox"/>	<input type="checkbox"/>
$13 + 7 = 20$	<input type="checkbox"/>	<input type="checkbox"/>
Half of 12 is 7.	<input type="checkbox"/>	<input type="checkbox"/>
A square has 4 equal sides.	<input type="checkbox"/>	<input type="checkbox"/>
45 is greater than 54.	<input type="checkbox"/>	<input type="checkbox"/>
There are 10 tens in 100.	<input type="checkbox"/>	<input type="checkbox"/>

The sleeping elf is not .

Now check your list of elves.

You should have one left - that's the sleeping elf. Write their name to wake them up!



Wake up

!



Answers

Number Sequences

Start

5	10	25	35	30	40	60
5	15	15	35	40	45	50
30	20	25	30	50	55	55
60	30	20	70	70	65	60
80	60	45	80	75	75	70
85	65	50	85	85	80	85

90

The name starts with **A**

90

The name starts with **G**

90

The name starts with **H**

Elf I Spy

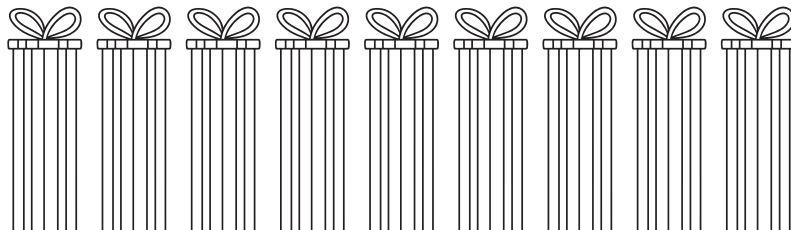
Number of elves = 15

The sleeping elf is not Ada.

Perfect Present Addition



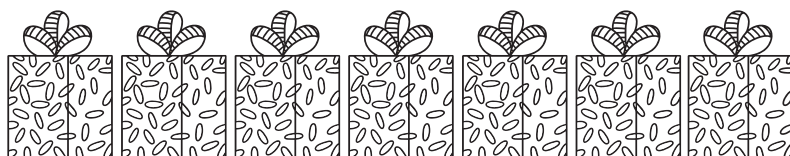
$$+ 8 = 14$$



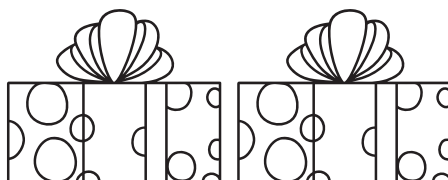
$$+ 3 = 12$$



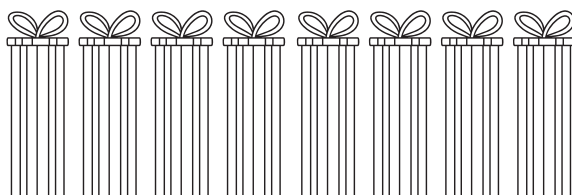
$$+ 11 = 16$$



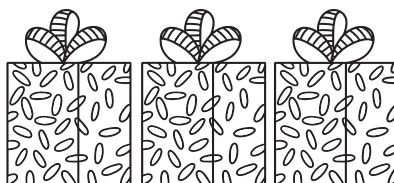
$$+ 3 = 10$$



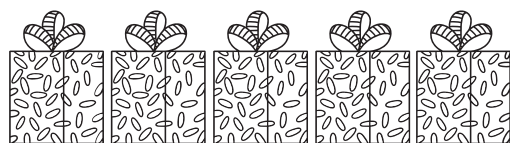
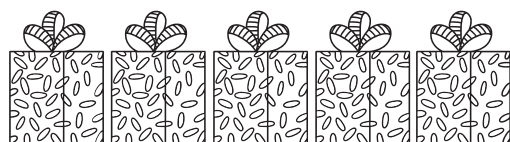
$$+ 7 = 9$$



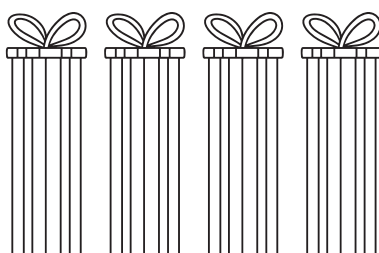
$$+ 5 = 13$$



$$+ 15 = 18$$



$$+ 5 = 15$$



$$+ 4 = 8$$

shortest	elf	name	not	big	sleeping	is
11	9	15	10	17	12	18

with	eating	the	awake	longest	The	number
16	20	14	19	8	13	7

Rearrange the words into a sentence: The elf with the longest name is not sleeping. **The sleeping elf is not Henrietta.**

Perfect Present Addition

with	vowels	The	their	consonants	sleeping	name
8	5	11	13	3	4	10

elf	three	in	letters	not	awake	is
14	7	9	15	2	6	12

Rearrange the words into a sentence:

The elf with three vowels in their name is not sleeping.

The sleeping elf is not Horace.

True or False?

Read each statement and decide whether it is true or false. If you have more true statements, the elf not sleeping has six letters in their name. If you have more false statements, the elf not sleeping has five letters in their name.

Statement	true	false
A triangle has 4 sides.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
There are 6 tens in 60.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25 is in the 5 times table.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
$13 + 7 = 20$	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Half of 12 is 7.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
A square has 4 equal sides.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
45 is greater than 54.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
There are 10 tens in 100.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

There are more true statements.

The sleeping elf is not Albert.

Wake up Mavis!

We hope you find the information on our website and resources useful. As far as possible, the contents of this resource are reflective of current professional research. However, please be aware that every child is different and information can quickly become out of date. The information given here is intended for general guidance purposes only and may not apply to your specific situation.

The Mystery of the Missing Reindeer Bells

Maths Game



Santa has been getting ready all year for Christmas Eve, when he will travel the world delivering presents to all the girls and boys. His elves have been very busy making the presents, wrapping them and storing them in the enormous stockrooms.

The reindeer have been resting ready for their epic journey and are keen to get going.

But what's this? Disaster has struck! One of the naughty elves has hidden all the beautiful shiny gold bells which decorate the reindeer's harnesses. The reindeer cannot fly without them!

Which one of them would do such a thing?

Your task is to solve the clues and use the descriptions of the elves, to work out who the culprit of the hidden bells is.

Santa is depending on you!

Good luck!



Descriptions of the Elves

Name	Male or Female	Job at Santa's Workshop	Hat Colour	Shoe Type	Hair Colour
Bitsy	female	wrapping	red	pointy	black
Crumble	male	packing	green	curly	ginger
Dippy	male	wrapping	green	curly	brown
Fizz	female	packing	blue	pointy	black
Misty	female	toy maker	green	pointy	black
Neil	male	packing	green	curly	blonde
Pip	male	wrapping	blue	pointy	black
Tazzy	female	toy maker	red	pointy	ginger
Jip	male	researcher	yellow	curly	brown
Kizzy	female	wrapping	green	curly	brown
Jazz	female	researcher	yellow	pointy	blonde
Neville	male	toy maker	green	curly	brown
Candy	female	packing	blue	curly	blonde
Ernest	male	researcher	red	pointy	brown
Bert	male	packing	green	curly	ginger
Tinsel	female	toy maker	yellow	pointy	black
Joy	female	researcher	yellow	curly	brown
Melvyn	male	wrapping	green	curly	black
Sparky	female	packing	red	curly	brown
Jingle	male	toy maker	blue	curly	ginger
Merry	female	wrapping	yellow	pointy	black
Dinky	male	packing	green	curly	brown
Petal	female	researcher	blue	pointy	blonde
Noel	male	wrapping	green	curly	blonde
Snowy	male	toy maker	yellow	pointy	brown

Have you solved the mystery of who hid the reindeer bells?

It was _____.

Clue 1

Ringing in the Missing Numbers



Fill in the missing numbers.




Cross off the numbers from Santa's list when you put them in the empty boxes.

Look at the numbers left on Santa's list.




If the numbers left on the list are **odd**, the bell hider wore curly shoes.

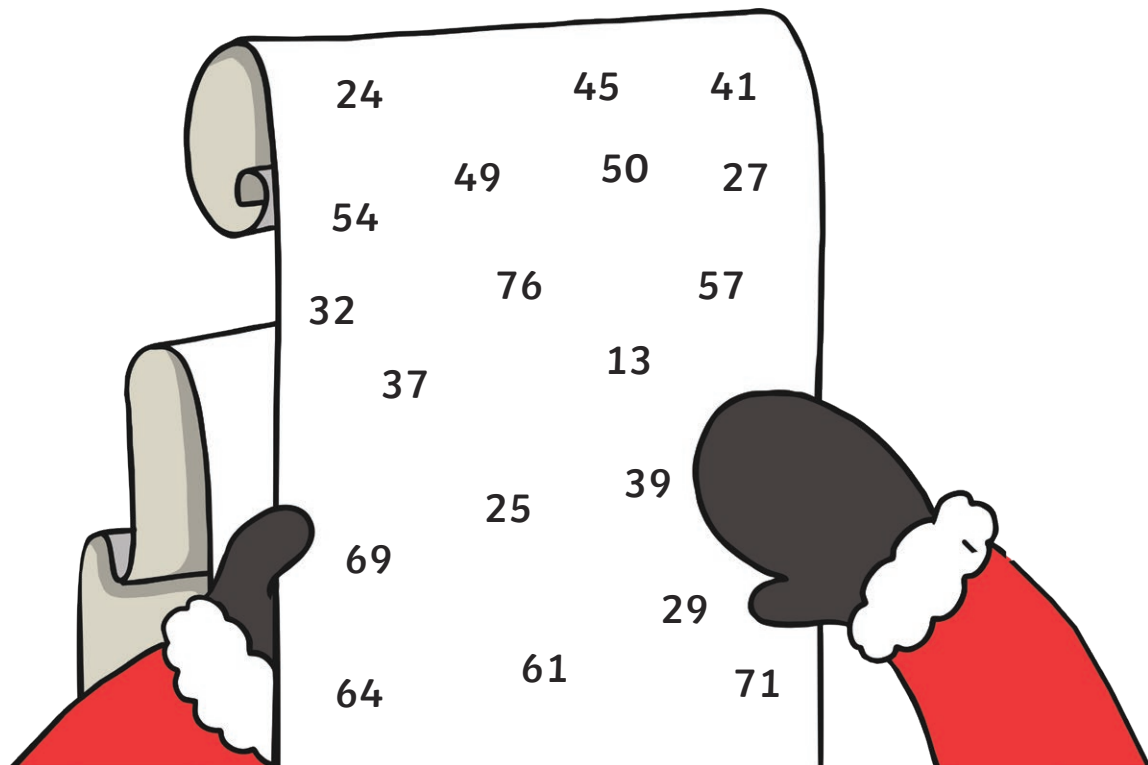
If the numbers left on the list are **even** the bell hider wore pointy shoes.

2 less 3 more

<input type="text"/>	←		→	<input type="text"/>
<input type="text"/>	←		→	<input type="text"/>
<input type="text"/>	←		→	<input type="text"/>

2 less 3 more

<input type="text"/>	←		→	<input type="text"/>
<input type="text"/>	←		→	<input type="text"/>
<input type="text"/>	←		→	<input type="text"/>



Put a circle around the correct word in the sentence:
The reindeer bell hider wore curly/pointy shoes.



Clue 2

Match the Tags

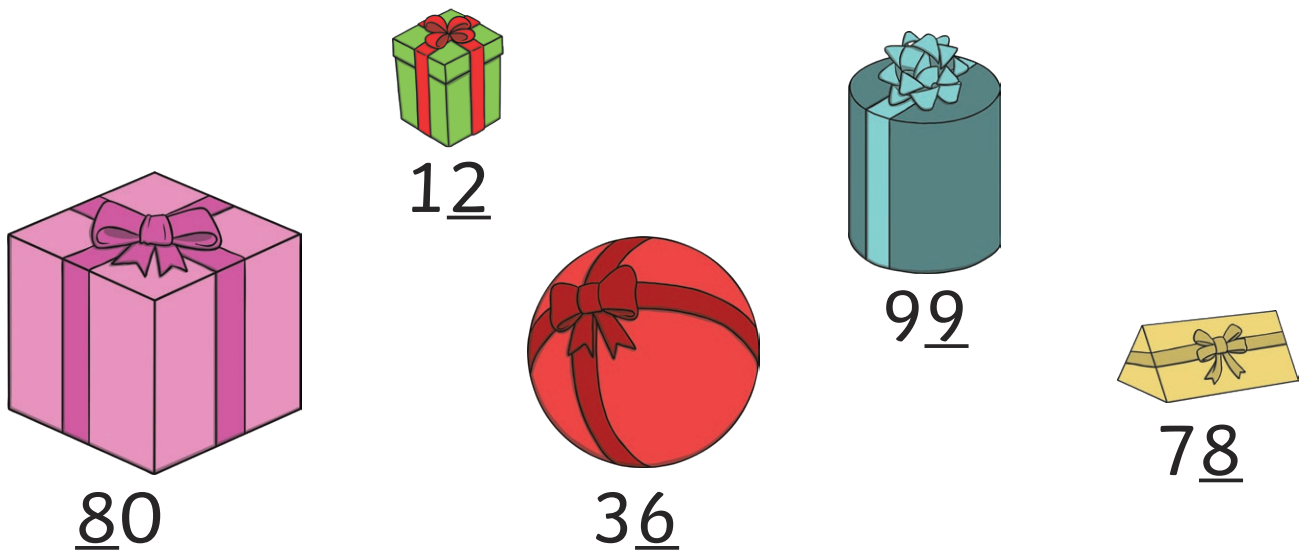
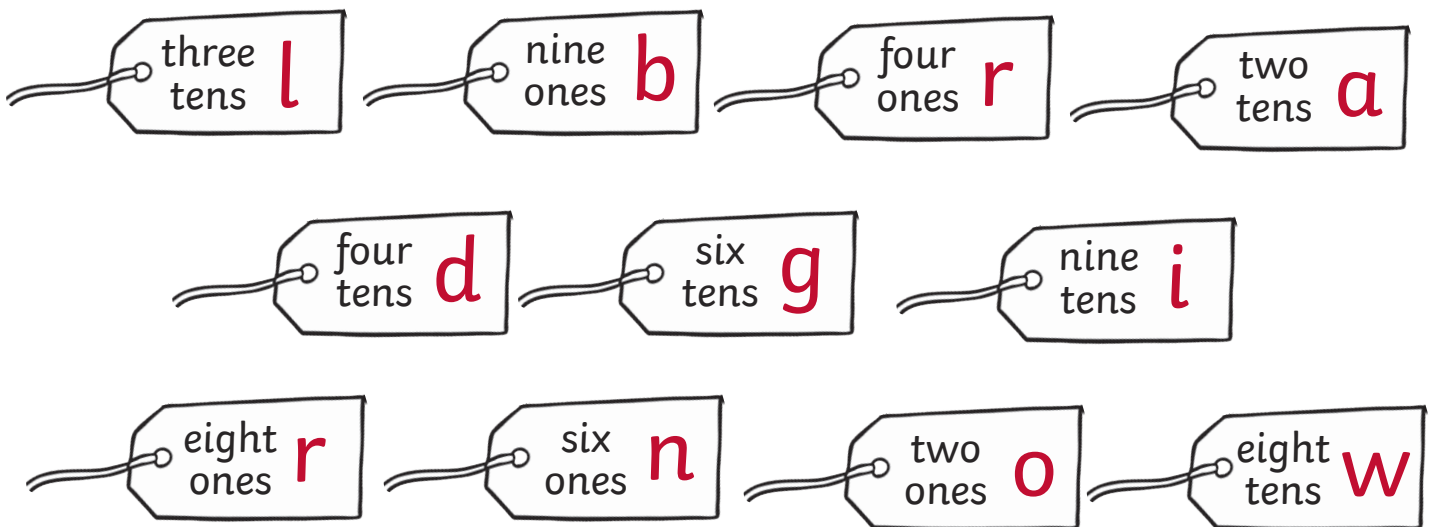


Look at the underlined digit in each of the numbers on the presents.

Think about how many tens or ones that number represents.

Match up the answers on the tags to the present.

Unscramble the letters on your selected tags to spell out the colour of hair which the mischievous elf had.



Answer: The naughty elf has _____ hair.



Clue 3

Elf Problems

Some of the elves have answered some problems, but are they all correct?

Check if they are right. If they are not, put a cross in the **✗** column. If they are right, put a tick **✓**.

	Right ✓	Wrong ✗
Frizzle says that $32 + 9$ is 49. Is he right?		
Lizzy says that $82 - 11 = 71$. Is she right?		
Grimble says that three lots of two equals four. Is he right?		
Betsy says that 12 candy canes shared between him and a friend means they will each have 6 candy canes. Is she correct?		
Bitsy says that this can be worked out: $3 - 8 = 6$. Is he right?		
Jet says that two groups of four has the same total as four groups of two and that the answer is eight. Is he right?		
Tizzy says that $9 + 30$ has the same answer as $19 + 10$. Is she right?		



If there are more **✓** than **✗**, the elf is female.

If there are more **✗** than **✓**, the elf is male.

Put a circle around the correct word: male/female



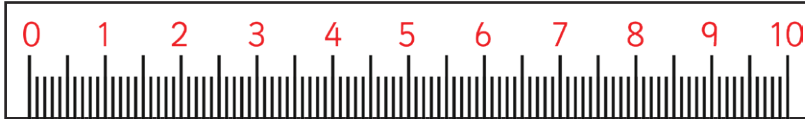


Clue 4

Measure the Elf

Measure the height of the elves to the nearest centimetre.

Find the height in the table below and make a sentence from the words to solve clue number four!



2cm a	4cm hat	6cm wore
5cm culprit	1cm red	8cm green
10cm yellow	3cm the	7cm blue

Answer: _____



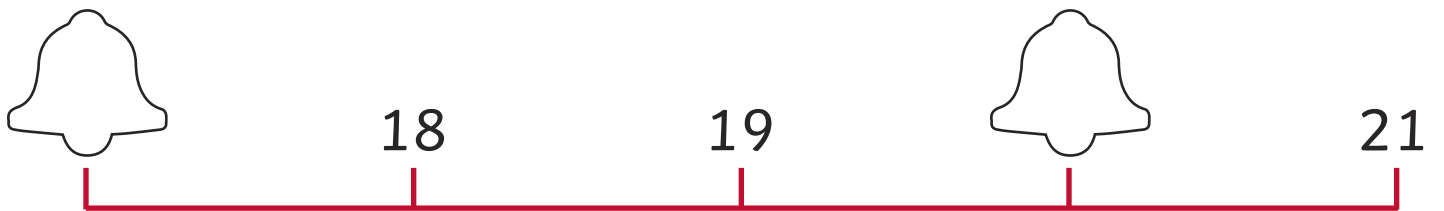
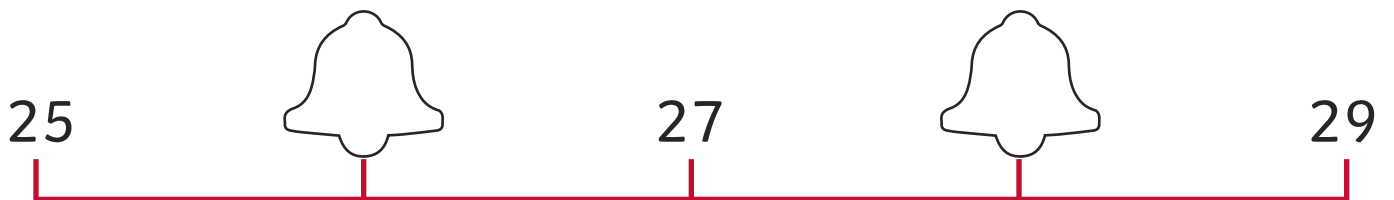
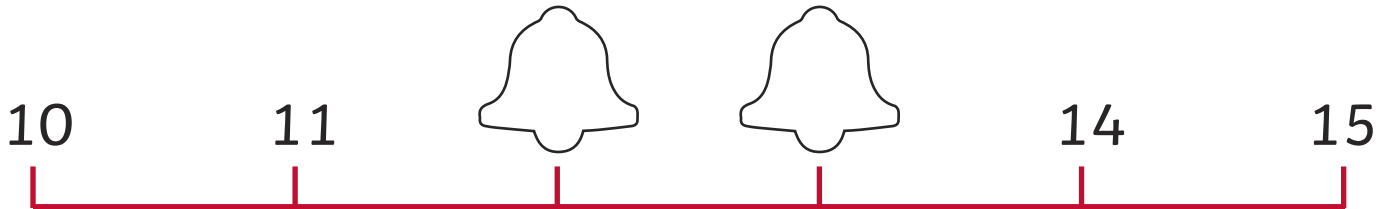
Clue 5

The Missing Bells



Some numbers on the number lines are missing.

Fill in the missing numbers on the bells.



26
elf

22
wrapping

28
was

17
a

16
researcher

8
packing

12
the

13
naughty

20
toymaker

9
worked

Use the numbers you have used on the number line to make a sentence from the words to solve the last clue.

Answer: _____



The Mystery of the Missing Reindeer Bells

Answers

Clue 1 Ringing in the Missing Numbers

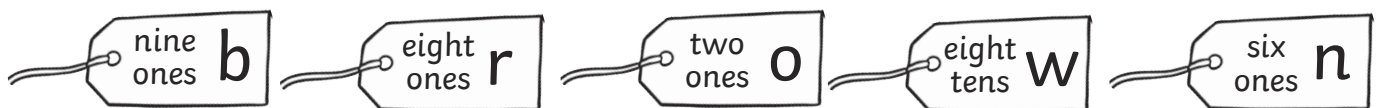
The remaining numbers on Santa's list will be:

57, 13, 39, 25, 61, 49, 27

Therefore, all odd, so the bell hider wore curly shoes.

Clue 2 Match the Tags

Once unscrambled, the selected tags spell 'brown'.



	Right ✓	Wrong ✗
Frizzle says that $32 + 9$ is 49. Is he right?		✗
Lizzy says that $82 - 11 = 71$. Is she right?	✓	
Grimble says that three lots of two equals four. Is he right?		✗
Betsy says that 12 candy canes shared between him and a friend means they will each have 6 candy canes. Is she correct?	✓	
Bitsy says that this can be worked out: $3 - 8 = 6$. Is he right?		✗
Jet says that two groups of four has the same total as four groups of two and that the answer is eight. Is he right?	✓	
Tizzy says that $9 + 30$ has the same answer as $19 + 10$. Is she right?		✗

The culprit is male

The Mystery of the Missing Reindeer Bells

Answers

Clue 4 Measure the Elf

The culprit wore a green hat.

2cm a	4cm hat	6cm wore
5cm culprit	1cm red	8cm green
10cm yellow	3cm the	7cm blue

Clue 5 The Missing Bells

10, 11, **12**, **13**, 14, 15

25, **26**, 27, **28**, 29

17, 18, 19, **20**, 21

The naughty elf was a toymaker.

The elf who hid the reindeer bells was Neville!



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.



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

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

The Mystery of the Christmas Party

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 _____.

The Mystery of the Christmas Party

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 _____.

The Mystery of the Christmas Party

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.)

The Mystery of the Christmas Party

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		

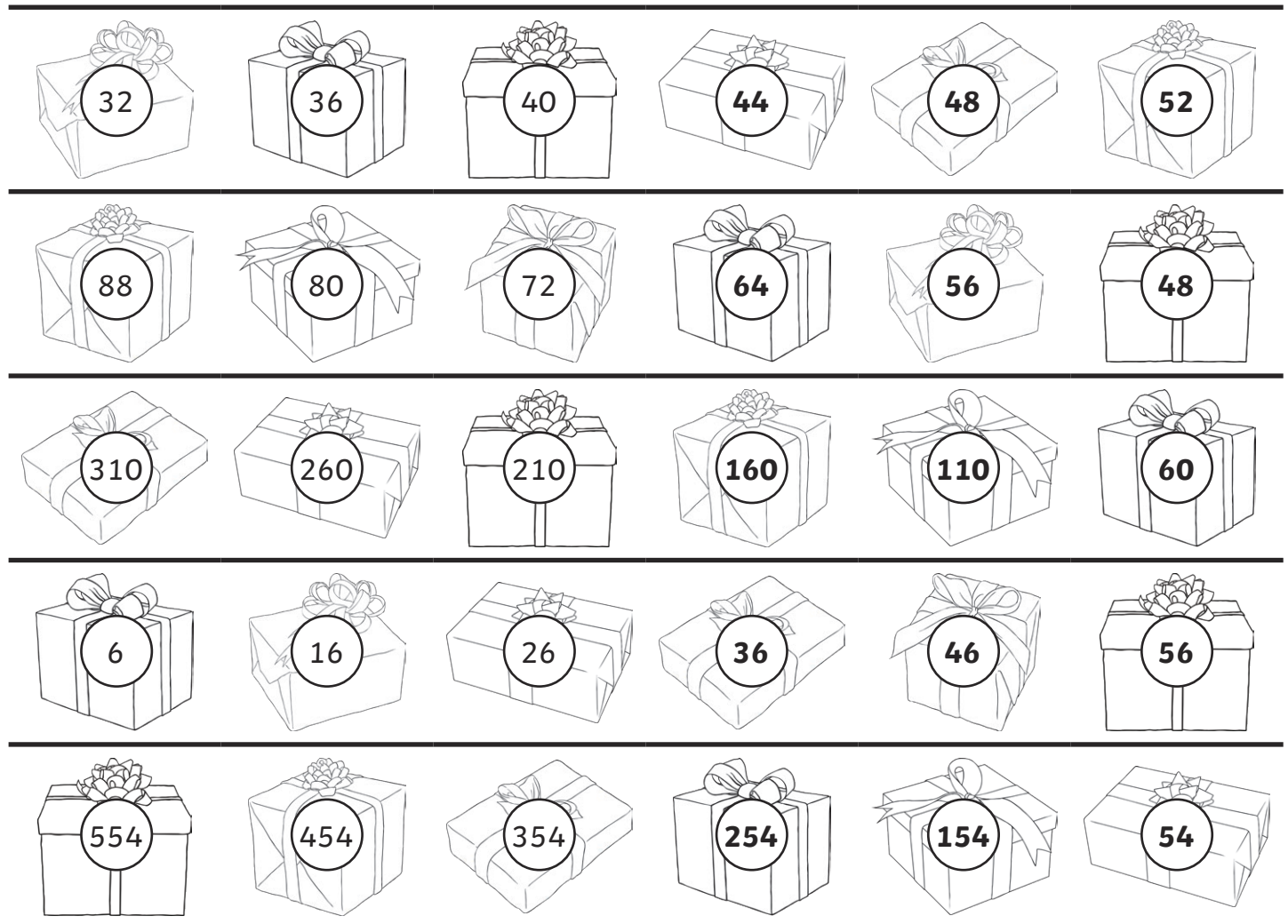
Clue: The age of the winner is even / odd.

(Circle the correct answer.)

The winner is: _____.

The Mystery of the Christmas Party Answers

Clue 1



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

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
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.)

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.

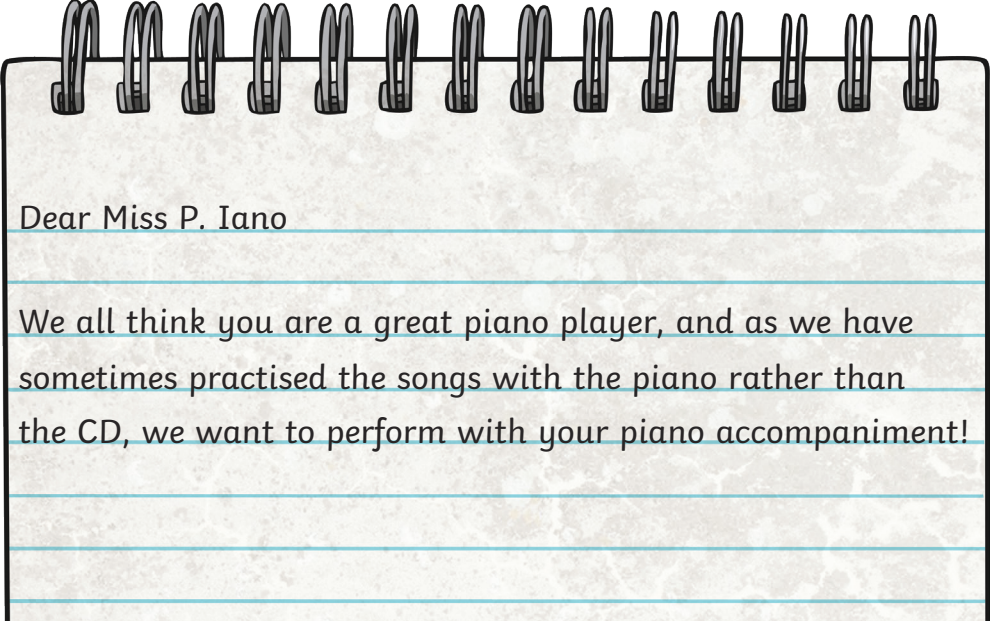
(Circle the correct answer.)

The winner is: **Veronica**.

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 tell you which instrument was **not** 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 _____ (write the colour from the above maze and cross out everyone who has this colour hair).

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.



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

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

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 X
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		



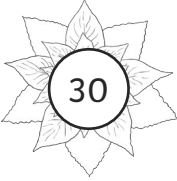












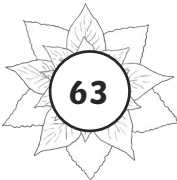



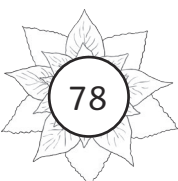







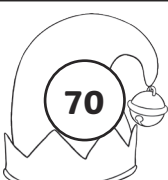

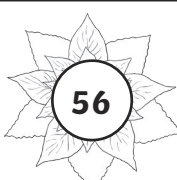
Clue: The age of the CD swapper is even / odd.

(Circle the correct answer.)

The CD swapper is: _____.

The Mystery of the Christmas Nativity Answers

Clue 1

 18	 24	 30	 36	 42	 48
 14	 21	 28	 35	 42	 49
 90	 81	 72	 63	 54	 45
 84	 78	 72	 66	 60	 54
 91	 84	 77	 70	 63	 56

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

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

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

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

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 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 **Answers**

Clue 5

	Even	Odd X
3 561 rounded to the nearest 10 is 3560		
8 239 rounded to the nearest 100 is 8240		X
8 298 rounded to the nearest 1000 is 8000		
5 309 rounded to the nearest 10 is 5300		X
2 341 rounded to the nearest 100 is 2000		X
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		X
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**.